

STIC Database Tracking Number:

To: Paul Shumate
Location: Knox 5A48
Art Unit: 3693
Date: January 20, 2010
Case Serial Number:
10/ 642,878

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early@uspto.gov

Search Notes

Dear Examiner Shumate:

Please find attached the results of your search for the above-referenced case. The search was conducted in the template files.

I would have listed references of *potential* interest in the first part of the search results, if there had been any. However, please be sure to scan through the entire report. There may be references that you might find useful that I missed.

If you have any questions about the search, or need a refocus, please do not hesitate to contact me.

Thank you for using the EIC, and we look forward to your next search!

Caryn S. Wesner-Early, MSLS
ASRC Technical Information Specialist
EIC 3600, US Patent & Trademark Office

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I. Inventor Search Results from Dialog

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File 471:New York Times Fulltext 1980-2010/Jan 14
 (c) 2010 The New York Times
File 139:EconLit 1969-2009/Dec
 (c) 2009 American Economic Association
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
 (c) 2002 Gale/Cengage
File 474:New York Times Abs 1969-2010/Jan 11
 (c) 2010 The New York Times
File 475:Wall Street Journal Abs 1973-2010/Jan 14
 (c) 2010 The New York Times
File 35:Dissertation Abs Online 1861-2009/Nov
 (c) 2009 ProQuest Info&Learning
File 65:Inside Conferences 1993-2010/Jan 14
 (c) 2010 BLDSC all rts. reserv.
File 99:Wilson Appl. Sci & Tech Abs 1983-2009/Nov
 (c) 2009 The HW Wilson Co.
File 256:TecTrends 1982-2010/Jan W2
 (c) 2010 Info.Sources Inc. All rights res.
File 2:INSPEC 1898-2009/Dec W2
 (c) 2009 The IET
File 634:San Jose Mercury Jun 1985-2009/Dec 31
 (c) 2010 San Jose Mercury News
File 610:Business Wire 1999-2010/Jan 14
 (c) 2010 Business Wire.
File 613:PR Newswire 1999-2010/Jan 13
 (c) 2010 PR Newswire Association Inc
File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
File 20:Dialog Global Reporter 1997-2010/Jan 14
 (c) 2010 Dialog
File 626:Bond Buyer Full Text 1981-2008/Jul 07
 (c) 2008 Bond Buyer
File 268:Banking Info Source 1981-2010/Jan W1
 (c) 2010 ProQuest Info&Learning
File 9:Business & Industry(R) Jul/1994-2010/Jan 14
 (c) 2010 Gale/Cengage
File 15:ABI/Inform(R) 1971-2010/Jan 13
 (c) 2010 ProQuest Info&Learning
File 16:Gale Group PROMT(R) 1990-2010/Jan 14
 (c) 2010 Gale/Cengage
File 148:Gale Group Trade & Industry DB 1976-2010/Jan 14

(c) 2010 Gale/Cengage
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 275:Gale Group Computer DB(TM) 1983-2010/Dec 09
 (c) 2010 Gale/Cengage
 File 621:Gale Group New Prod.Annou.(R) 1985-2010/Dec 01
 (c) 2010 Gale/Cengage
 File 636:Gale Group Newsletter DB(TM) 1987-2010/Dec 15
 (c) 2010 Gale/Cengage
 File 267:Finance & Banking Newsletters 2008/Sep 29
 (c) 2008 Dialog
 File 624:McGraw-Hill Publications 1985-2010/Jan 14
 (c) 2010 McGraw-Hill Co. Inc
 File 625:American Banker Publications 1981-2008/Jun 26
 (c) 2008 American Banker
 File 120:U.S. Copyrights 1978-2010/Jan 12
 (c) format only 2010 Dialog
 File 426:LCMARC-Books 1968-2010/Jan W2
 (c) format only 2010 Dialog
 File 430:British Books in Print 2007/Jan W3
 (c) 2007 J. Whitaker & Sons Ltd.
 File 483:Newspaper Abs Daily 1986-2010/Jan 14
 (c) 2010 ProQuest Info&Learning
 File 347:JPIO Dec 1976-2009/Sep(Updated 091230)
 (c) 2010 JPO & JPIO
 File 348:EUROPEAN PATENTS 1978-201001
 (c) 2010 European Patent Office
 File 349:PCT FULLTEXT 1979-2010/UB= 20100107|UT= 20091231
 (c) 2010 WIPO/Thomson
 File 350:Derwent WPIX 1963-2009/UD= 201002
 (c) 2010 Thomson Reuters
 File 371:French Patents 1961-2002/BOPI 200209
 (c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	70	AU= (SAHOTA, J? OR SAHOTA J? OR SAHOTA(2N)JAGDEEP OR AABYE, C? OR AABYE C? OR AABYE(2N)(CHRISTIAN OR CHRIS))
S2	45	S1 FROM 347,348,349,350,371
S3	25	AUTHENTICAT? OR AUTHORI?E OR AUTHORI?ED OR AUTHORI?ES OR AUTHORI?ATION OR CONFIRM??? OR CONFIRMATION OR SUBSTANTIAT? OR VALIDAT? OR VERIFI? OR VERIFY???
S4	25	S2 AND S3
S5	26	CELL OR CELLULAR OR CORDLESS OR WIRELESS OR RADIO OR BLUETOOTH OR WAP OR HDML OR WIFI OR WI()FI OR 3G OR 4G
S6	14	S4(S)S5
S7	11	S6 AND IC= (G06F OR G06Q)
S8	11	IDPAT (sorted in duplicate/non-duplicate order)
S9	11	IDPAT (primary/non-duplicate records only)

S10 25 S1 NOT S2
 S11 0 S3 AND S10
 S12 2 S5 AND S10
 S13 2 RD (unique items)
 S14 13 S9 OR S13

14/AA,AN,AZ,AU,TI/1 (Item 1 from file: 99)
 DIALOG(R)File 99:(c) 2009 The HW Wilson Co. All rts. reserv.
 2697302 H.W. WILSON RECORD NUMBER: BAST04103503
 Novel Polyphosphazene-Hydroxyapatite Composites as Biomaterials
 Ambrosio, A. M. A; Sahota, J. S; Runge, C

14/AA,AN,AZ,AU,TI/2 (Item 1 from file: 2)
 DIALOG(R)File 2:(c) 2009 The IET. All rts. reserv.
 10460469
 Title: Biomimetic tissue-engineered anterior cruciate ligament replacement
 Authors(s): Cooper, J.A., Jr.; Sahota, J.S.; Gorum, W.J., II;
 Carter, J.; Doty, S.B.; Laurencin, C.T.

14/AA,AN,AZ,AU,TI/3 (Item 1 from file: 349)
 DIALOG(R)File 349:(c) 2010 WIPO/Thomson. All rts. reserv.
 01212817
 GENERATING A DYNAMIC VERIFICATION VALUE
 PROCEDE ET SYSTEME DE GENERATION D'UNE VALEUR DE VERIFICATION DYNAMIQUE
 Patent Applicant/Inventor:
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 (Residence), US (Nationality),
 AABYE Christian, 260 Billingsgate Lane, Foster City, California 94404, US
 , US (Residence), DK (Nationality),
 Application: WO 2004US26813 20040818 (PCT/WO US2004026813)

14/AA,AN,AZ,AU,TI/4 (Item 2 from file: 349)
 DIALOG(R)File 349:(c) 2010 WIPO/Thomson. All rts. reserv.
 01207994
 A SYSTEM AND METHOD FOR MANAGING ELECTRONIC DATA TRANSFER APPLICATIONS
 SYSTEME ET PROCEDE POUR GERER DES APPLICATIONS DE TRANSFERT DE DONNEES
 ELECTRONIQUES
 Patent Applicant/Inventor:
 SHENKER Gavin, 2640 Glendon Avenue, Los Angeles, CA 90064, US, US
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 94560, US, US (Residence), IN (Nationality), (Designated only for: US)
 SAHOTA Jagdeep Singh, 981 Coral Ridge Road, Rodeo, CA 94572, US, US
 (Residence), US (Nationality), (Designated only for: US)

KASHEF Forough, 45741 Vineyard Avenue, Fremont, CA 94539, US, US
(Residence), US (Nationality), (Designated only for: US)
HURRY Simon, 1034 Gull Avenue, Foster City, CA 94404, US, US (Residence),
ZA (Nationality), (Designated only for: US)
Application: WO 2004US12130 20040419 (PCT/WO US2004012130)
Parent Application/Grant:
Related by Continuation to: US 2004826092 20040416 (CIP)

14/AA,AN,AZ,AU,TI/5 (Item 3 from file: 349)
DIALOG(R)File 349:(c) 2010 WIPO/Thomson. All rts. reserv.
01112113
METHOD AND SYSTEM FOR FACILITATING DATA ACCESS AND MANAGEMENT ON A
SECURE TOKEN
PROCEDE ET SYSTEME PERMETTANT DE FACILITER L'ACCES ET LA GESTION DE DONNEES
SUR UN JETON SECURISE
Inventor(s):
REED Sonia, 4109 Quail Run Drive, Danville, CA 94506, US,
AABYE Christian, 260 Billingsgate Lane, Foster City, CA 94404, US,
Application: WO 2003US31780 20031007 (PCT/WO US03031780)

14/AA,AN,AZ,AU,TI/6 (Item 4 from file: 349)
DIALOG(R)File 349:(c) 2010 WIPO/Thomson. All rts. reserv.
01090038
METHODS FOR PERFORMING TRANSACTIONS IN A WIRELESS ENVIRONMENT
PROCEDES POUR EFFECTUER DES TRANSACTIONS DANS UN ENVIRONNEMENT SANS FIL
Patent Applicant/Inventor:
SAHOTA Jagdeep Singh, 981 Coral Ridge Circle, Rodeo, CA 94572, US, US
(Residence), US (Nationality), (Designated only for: US)
OPPENLANDER Carole, 247 Arroyo Drive, Pacifica, CA 94044, US, US
(Residence), US (Nationality), (Designated only for: US)
HILL Trudy, 1200 E. Hillsdale # 18, Foster City, CA 94404, US, US
(Residence), US (Nationality), (Designated only for: US)
Application: WO 2003US23451 20030729 (PCT/WO US03023451)
Parent Application/Grant:
Related by Continuation to: US 2003628702 20030728 (CIP)

14/AA,AN,AZ,AU,TI/7 (Item 1 from file: 350)
DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.
0019296481
WPI ACC NO: 2009-L53349/
Data transfer application i.e. payment application, managing method for
e.g. credit card transaction, involves enabling selected transfer
application by user when user satisfies authentication mechanism, and
disabling selected application
Original Titles:

SYSTEM AND METHOD FOR MANAGING ELECTRONIC DATA TRANSFER APPLICATIONS

Local Applications (No Type Date): US 2006612762 A 20061219; US

2003486578 P 20030711; US 2004826092 A 20040416

Priority Applications (no., kind, date): US 2003486578 P 20030711; US

2004826092 A 20040416; US 2006612762 A 20061219

14/AA,AN,AZ,AU,TI/8 (Item 2 from file: 350)

DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.

0018309042

WPI ACC NO: 2008-M29378/

Off line payment device e.g. smart cards, validation method, involves permitting consumer to complete transaction with merchant based on whether non-primary account number signature is on list

Original Titles:

The negative list based on the signature for the off line payment permission of installation.

Signature based negative list for off line payment device validation

LISTE NEGATIVE BASEE SUR LA SIGNATURE POUR LA VALIDATION HORS LIGNE D'UN DISPOSITIF DE PAIEMENT

Local Applications (No Type Date): US 2007887307 P 20070130; US

2007713307 A 20070301; WO 2007US82903 A 20071029; WO 2007US82903 A

20071029; WO 2007US82903 A 20071029; AU 2007345585 A 20071029; CA

2676637 A 20071029; WO 2007US82903 A 20071029; CA 2676637 A

20090727; WO 2007US82903 A 20071029; KR 2009717980 A 20071029

Priority Applications (no., kind, date): US 2007887307 P 20070130; US

2007887307 P 20070130; US 2007713307 A 20070301

14/AA,AN,AZ,AU,TI/9 (Item 3 from file: 350)

DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.

0017338892

WPI ACC NO: 2008-B59331/

Track data encrypting method for use in e.g. personal digital assistant, involves receiving approval or disapproval for payment transaction after providing secondary permanent account number

Original Titles:

Consumer authentication system and method

Portable consumer device verification system

SYSTEM UND VERFAHREN ZUR AUTHENTIFIZIERUNG VON KONSUMENTEN

SYSTEME ET PROCEDE D'AUTHENTIFICATION DE CONSOMMATEUR

SPURDATENVERSCHLUSSELUNG

TRACK DATA ENCRYPTION

CRYPTAGE DE DONNEES DE SUIVI

Consumer authentication system and method

SYSTEME DE VERIFICATION D'UN DISPOSITIF CLIENT PORTABLE

TERMINAL DATA ENCRYPTION

Local Applications (No Type Date): US 2006815059 P 20060619; US

2006815430 P 20060620; US 2007884089 P 20070109; US 2007761821 A 20070612; WO 2007US71200 A 20070614; WO 2007US71301 A 20070615; WO 2007US71376 A 20070615; WO 2007US71386 A 20070615; WO 2007US71200 A 20070614; WO 2007US71376 A 20070615; WO 2007US71301 A 20070615; WO 2007US71386 A 20070615; EP 2007812158 A 20070615; WO 2007US71301 A 20070615; EP 2007798557 A 20070614; WO 2007US71200 A 20070614; WO 2007US71200 A 20070614; KR 2009700832 A 20090115; AU 2007261072 A 20070615; AU 2007261082 A 20070615; AU 2007261152 A 20070614; WO 2007US71301 A 20070615; KR 2009700931 A 20090116; CA 2655015 A 20070615; WO 2007US71301 A 20070615; CA 2655015 A 20081215; CN 200780022874 A 20070615; WO 2007US71301 A 20070615; CN 200780022875 A 20070615; WO 2007US71376 A 20070615; WO 2007US71376 A 20070615; IN 2009CN289 A 20090116; WO 2007US71301 A 20070615; IN 2009CN290 A 20090116; WO 2007US71200 A 20070614; MX 200816174 A 20081216; CA 2655465 A 20070614; WO 2007US71200 A 20070614; CA 2655465 A 20081215; WO 2007US71200 A 20070614; JP 2009516638 A 20070614; WO 2007US71301 A 20070615; JP 2009516645 A 20070615; WO 2007US71376 A 20070615; JP 2009516648 A 20070615; CA 2655311 A 20070615; WO 2007US71376 A 20070615

Priority Applications (no., kind, date): US 2006815059 P 20060619; US 2006815059 P 20060619; US 2006815430 P 20060620; US 2006815430 P 20060620; US 2007884089 P 20070109; US 2007884089 P 20070109; US 2007761821 A 20070612

14/AA,AN,AZ,AU,TI/10 (Item 4 from file: 350)
DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.
0016743491

WPI ACC NO: 2007-458561/

Reader useful for reducing interaction time for contactless transaction
comprises contactless interface and transaction module coupled to the interface
Original Titles:

Device, system and method for reducing an interaction time for a contactless transaction
EINRICHTUNG, SYSTEM UND VERFAHREN ZUM VERRINGERN EINER INTERAKTIONSZEIT
FUR EINE KONTAKTLOSE TRANSAKTION

DEVICE, SYSTEM AND METHOD FOR REDUCING AN INTERACTION TIME FOR A
CONTACTLESS TRANSACTION

DISPOSITIF, SYSTEME ET PROCEDE DE REDUCTION DE LA DUREE D'INTERACTION POUR
UNE TRANSACTION SANS CONTACT

Local Applications (No Type Date): WO 2006US38047 A 20060928; US 2005721454 P 20050928; US 2006807775 P 20060719; US 2006536307 A 20060928; EP 2006815789 A 20060928; WO 2006US38047 A 20060928; AU 2006294466 A 20060928; CN 200680043308 A 20060928; WO 2006US38047 A 20060928; WO 2006US38047 A 20060928; KR 2008710072 A 20080425; WO 2006US38047 A 20060928; IN 2008KN1305 A 20080401; CA 2624191 A 20060928; WO 2006US38047 A 20060928; CA 2624191 A 20080328; WO 2006US38047 A 20060928; JP 2008533656 A 20060928; WO 2006US38047 A 20060928; MX 20084209 A 20080328; ZA 20083372 A 20060928

Priority Applications (no., kind, date): US 2005721454 P 20050928; US 2005721454 P 20050928; US 2006807775 P 20060719; US 2006807775 P 20060719; US 2006536307 A 20060928

14/AA,AN,AZ,AU,TI/11 (Item 5 from file: 350)
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0014854172

WPI ACC NO: 2005-201876/

Transaction payment service authenticating method for use in financial institution, involves generating two verification values, and disapproving transaction when verification values are unequal

Original Titles:

VERFAHREN UND SYSTEM ZUR ERZEUGUNG EINES DYNAMISCHEN VERIFIKATIONSWERTS
METHOD AND SYSTEM FOR GENERATING A DYNAMIC VERIFICATION VALUE

PROCEDE ET SYSTEME DE GENERATION D'UNE VALEUR DE VERIFICATION DYNAMIQUE

Local Applications (No Type Date): US 2003642878 A 20030818; WO

2004US26813 A 20040818; EP 2004781493 A 20040818; WO 2004US26813 A 20040818; AU 2004267784 A 20040818; WO 2004US26813 A 20040818; KR 2006703356 A 20060217; WO 2004US26813 A 20040818; JP 2006524010 A 20040818; SG 200717870 A 20040818

Priority Applications (no., kind, date): US 2003642878 A 20030818

14/AA,AN,AZ,AU,TI/12 (Item 6 from file: 350)
DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.
0014772706

WPI ACC NO: 2005-120371/

Data transfer applications managing method for mobile electronic device e.g. cellular telephone, involves enabling selected data transfer application for use by user of electronic device

Original Titles:

System and method for managing electronic data transfer applications

A SYSTEM AND METHOD FOR MANAGING ELECTRONIC DATA TRANSFER APPLICATIONS

SYSTEME ET PROCEDE POUR GERER DES APPLICATIONS DE TRANSFERT DE DONNEES ELECTRONIQUES

Local Applications (No Type Date): US 2003486578 P 20030711; US

2004826092 A 20040416; WO 2004US12130 A 20040419; US 2004826092 A 20040416

Priority Applications (no., kind, date): US 2003486578 P 20030711; US 2004826092 A 20040416; US 2004826092 A 20040416

14/AA,AN,AZ,AU,TI/13 (Item 7 from file: 350)
DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.
0013963388

WPI ACC NO: 2004-144096/

Wireless transaction performing method for business application, involves

determining transaction processing capabilities of integrated circuit card,
and communicating and processing application data in response to determination
Original Titles:

METHODS FOR PERFORMING TRANSACTIONS IN A WIRELESS ENVIRONMENT
PROCEDES POUR EFFECTUER DES TRANSACTIONS DANS UN ENVIRONNEMENT SANS FIL

Local Applications (No Type Date): WO 2003US23451 A 20030729; US
2002399274 P 20020729; US 2003628702 A 20030728; AU 2003254201 A
20030729; AU 2003254201 A 20030729

Priority Applications (no., kind, date): US 2002399274 P 20020729; US
2003628702 A 20030728

14/3,K/3 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01212817 **Image available**

GENERATING A DYNAMIC VERIFICATION VALUE

PROCEDE ET SYSTEME DE GENERATION D'UNE VALEUR DE VERIFICATION DYNAMIQUE

Patent Applicant/Assignee:

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94128-8999, US, US (Residence), US (Nationality), (For all designated
states except: US)

Patent Applicant/Inventor:

SAHOTA Jagdeep Singh, 981 Coral Ridge Road, Rodeo, CA 94572, US, US
(Residence), US (Nationality),
AABYE Christian, 260 Billingsgate Lane, Foster City, California 94404, US
, US (Residence), DK (Nationality),

Legal Representative:

MELNIK W Joseph (agent), Pepper Hamilton LLP, One Mellon Center, 50th
Floor, 500 Grant Street, Pittsburgh, PA 15219, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200520012 A2-A3 20050303 (WO 0520012)

Application: WO 2004US26813 20040818 (PCT/WO US2004026813)

Priority Application: US 2003642878 20030818

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6003

Main International Patent Class (v7): G06F

International Patent Class (v8 + Attributes)

IPC + Level Value Position Status Version Action Source Office:

G06Q-0020/ 00...

...US

G06Q-0040/ 00...

Fulltext Availability:

Detailed Description

Claims

English Abstract

Methods and systems for dynamically generating a verification value

for a transaction and for utilizing such value to verify the authenticity of the payment service (104) application. The dynamically created verification value (101 & 102) may be generated on a payment device (120, 126, 130, & 134), such...

...payment device (120, 126, 130, & 134) to a point of sale terminal, which generates a verification value (101 & 102) and embeds it into the payment data. The embedded verification value (101 & 102) is used by a service provider to verify the authenticity of the transaction. The methods and systems may be used in contactless (wireless) environments or a non-wireless environment.

Detailed Description

METHOD AND SYSTEM FOR GENERATING A DYNAMIC VERIFICATION VALUE BACKGROUND OF THE INVENTION

...are proving to be less effective as financial transactions are increasingly being conducted in a wireless environment. Similarly, as financial instruments are increasingly being employed on electronic devices, rather than physical plastic cards, the ability to use techniques such as a customer signature or holograms to verify a party to a transaction is becoming less available.

14/3,K/4 (Item 2 from file: 349)
DIALOG(R) File 349: PCT FULLTEXT
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01207994 ** Image available **

A SYSTEM AND METHOD FOR MANAGING ELECTRONIC DATA TRANSFER APPLICATIONS SYSTEME ET PROCEDURE POUR GERER DES APPLICATIONS DE TRANSFERT DE DONNEES ELECTRONIQUES

Patent Applicant/Assignee:

VISA INTERNATIONAL SERVICE ASSOCIATION, P.O. Box 8999, San Francisco, CA 94128-8999, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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RAJ Thanigaivel Ashwin, 39975 Cedar Boulevard, Apartment # 343, Newark, CA 94560, US, US (Residence), IN (Nationality), (Designated only for: US)

SAHOTA Jagdeep Singh, 981 Coral Ridge Road, Rodeo, CA 94572, US, US (Residence), US (Nationality), (Designated only for: US)

KASHEF Forough, 45741 Vineyard Avenue, Fremont, CA 94539, US, US (Residence), US (Nationality), (Designated only for: US)

HURRY Simon, 1034 Gull Avenue, Foster City, CA 94404, US, US (Residence), ZA (Nationality), (Designated only for: US)

Legal Representative:

MELNIK W Joseph (agent), Pepper Hamilton LLP, One Mellon Center, 50th Floor, 500 Grant Street, Pittsburgh, PA 15219, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200515339 A2-A3 20050217 (WO 0515339)

Application: WO 2004US12130 20040419 (PCT/WO US2004012130)

Priority Application: US 2003486578 20030711

Parent Application/Grant:

Related by Continuation to: US 2004826092 20040416 (CIP)

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9044

Main International Patent Class (v7): G06F

International Patent Class (v8 + Attributes)

IPC + Level Value Position Status Version Action Source Office:
G06Q-0040/ 00...

Fulltext Availability:

Detailed Description

Claims

English Abstract

...for managing one or more applications deployed on a mobile electronic device, such as a cellular phone, are disclosed. The system and method enable the user of a mobile electronic device...

...of applications deployed on the mobile electronic device for use in a transaction and to authenticate himself or herself prior to initiating the transaction. The transaction may occur via a wireless interface and/or a contact-based interface. In addition, the system and method allow the...

Detailed Description

... 11, 2003, and entitled "A System and Method for Managing and Conducting Transactions over a Wireless Interface."

INTRODUCTION

[00021 The present invention provides a system and method for managing one or more applications deployed on a mobile electronic device, such as a cellular phone. The present invention enables the user of a mobile electronic device to select one...

...deployed on the mobile electronic device for use in a data transfer transaction and to authenticate himself or herself to the application prior to initiating the transaction. In addition, the present...

...a mobile electronic device, including adding new applications, designating nicknames for the applications and setting authentication codes for each application.

Claim

... claim 26 wherein the mobile electronic device comprises one or more of the following:

- a cellular phone;
- a removable memory card;
- a subscriber information module;
- a personal digital assistant;
- a pager;
- a walkie-talkie;
- an integrated circuit card;
- a cellular phone in communication with a subscriber interaction module
- a cellular phone in communication with a removable memory card;
- a personal digital assistant in communication with...

...to the mobile electronic device;

- receiving, from a user of the mobile electronic device, first authentication data;
- receiving, from the user, an identifier for the application; and
- storing the first authentication data and the identifier on the mobile electronic device, wherein the application may be selected...

...and further wherein the application will be enabled for use when the user enters second authentication data which is substantially similar to the first authentication data. . The method of claim 41 wherein the first authentication data comprises one or more of the following; an authentication code; biometric information; and a signature.

14/3,K/5 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01112113 ** Image available**

METHOD AND SYSTEM FOR FACILITATING DATA ACCESS AND MANAGEMENT ON A SECURE TOKEN

PROCEDE ET SYSTEME PERMETTANT DE FACILITER L'ACCES ET LA GESTION DE DONNEES SUR UN JETON SECURISE

Patent Applicant/Assignee:

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Foster City, CA 94404, US, US (Residence), US (Nationality)

Inventor(s):

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AABYE Christian, 260 Billingsgate Lane, Foster City, CA 94404, US,
Legal Representative:
NG Horace H (et al) (agent), Townsend and Townsend and Crew LLP, Two
Embarcadero Center, 8th Floor, San Francisco, CA 94111, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200434202 A2-A3 20040422 (WO 0434202)
Application: WO 2003US31780 20031007 (PCT/WO US03031780)
Priority Application: US 2002416937 20021007; US 2003656858 20030905
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
CU CZ (utility model) CZ DE (utility model) DE DK (utility model) DK DM
DZ EC EE (utility model) EE EG ES FI (utility model) FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (utility model) SK SL
SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8887

Main International Patent Class (v7): G06F-017/30

Fulltext Availability:

Detailed Description

...[00491 Access to data contained in a cell is based on a matrix
including possible methods and supported functions. In an exemplary implementation...

...permission or access methods including, for example, (1) signature
inbound (SM command) - either a message authentication code (MAC)
created using a triple DES symmetric cryptographic algorithm (TDEA)
session-key, or an...

...TDEA session-key, or an RSA-based digital 1 5 signature; (3) encrypted
passcode (user authentication, knowledge-based) - either an ISO
9796-1 forinatl encrypted Passcode using a TDEA session...

...1 RSA-OAEP formatted passcode wrapped in a RSA public key; (4) clear
passcode (user authentication, knowledge-based) - a passcode
presented in clear text; (5) key exchange-encrypted
(encipherment/decipherment) - key is encrypted before being returned or
decrypted before being received; and biometrics (user
authentication, biometric-based).

...cells is controlled by the issuer of the smart card 104. The issuer can

delegate authorization for creating cells under a 'file cell group to a value add service provider after the a smart card has been specified, thus transferring ownership of such cell group to the value add service provider.

...be installed after a smart card is issued. These keys control access to cells and authentication of specific cell data. They are typically installed at the time of transferring ownership for a given cell from the issuer to the value add service provider.

14/3,K/6 (Item 4 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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01090038 ** Image available**
METHODS FOR PERFORMING TRANSACTIONS IN A WIRELESS ENVIRONMENT
PROCEDES POUR EFFECTUER DES TRANSACTIONS DANS UN ENVIRONNEMENT SANS FIL

Patent Applicant/Assignee:

VISA INTERNATIONAL SERVICE ASSOCIATION, P.O. Box 8999, Foster City, CA 94128-8999, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

SAHOTA Jagdeep Singh, 981 Coral Ridge Circle, Rodeo, CA 94572, US, US (Residence), US (Nationality), (Designated only for: US)

OPPENLANDER Carole, 247 Arroyo Drive, Pacifica, CA 94044, US, US (Residence), US (Nationality), (Designated only for: US)

HILL Trudy, 1200 E. Hillsdale # 18, Foster City, CA 94404, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

MELNIK W Joseph (agent), Pepper Hamilton LLP, Firm 21269, 500 Grant Street-50th Floor, One Mellon Center, Pittsburgh, PA 15219, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200412233 A2-A3 20040205 (WO 0412233)

Application: WO 2003US23451 20030729 (PCT/WO US03023451)

Priority Application: US 2002399274 20020729; US 2003628702 20030728

Parent Application/Grant:

Related by Continuation to: US 2003628702 20030728 (CIP)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR

CU CZ (utility model) CZ DE (utility model) DE DK (utility model) DK DM

DZ EC EE ES FI (utility model) FI GB GD GE GH GM HR HU ID IL IN IS JP KE

KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG

PH PL PT RO RU SC SD SE SG SK (utility model) SK SL SY TJ TM TN TR TT TZ

UA UG US UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE

SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5911

Main International Patent Class (v7): G06F-017/60

Fulltext Availability:

Detailed Description

... techniques or one or more security techniques. Security techniques such as data encryption, dynamic data authentication, static data authentication, and cardholder verification methods maybe used as part of a transaction in the present invention. Further, in a preferred embodiment a method for conducting dynamic data authentication where the card need not remain in wireless communication with the terminal is included as part of the present invention. In the dynamic data authentication of the preferred embodiment, also referred to herein as fast dynamic data authentication, the card creates a hash of the magnetic stripe data on the card and includes that hashed data in the ICC Certificate which is utilized with standard dynamic data authentication (DDA). The terminal receives data from the card comprising the magnetic stripe data and the...

...been received by the terminal, the terminal needs no further data from the card for authentication purposes. Accordingly, the from the cardholder's perspective the transaction is perceived to be faster...

...with the terminal once said data has been transmitted. The terminal then continues processing to authenticate the data received from the card and perform the processing for approval or disapproval of...

...It will be apparent to one of ordinary skill in the art that such an authentication method will be particularly advantageous in an environment where quick transaction speeds (or the perception...

14/3,K/7 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0019296481 - Drawing available

WPI ACC NO: 2009-L53349/200949

Related WPI Acc No: 2005-120371

Data transfer application i.e. payment application, managing method for e.g. credit card transaction, involves enabling selected transfer application by user when user satisfies authentication mechanism, and disabling selected application

Patent Assignee: HURRY S (HURR-I); KASHEF F (KASH-I); RAJ T A (RAJT-I);

SAHOTA J S (SAHO-I); SHENKER G (SHEN-I)
 Inventor: HURRY S; KASHEF F; RAJ T A; SAHOTA J S; SHENKER G
 Patent Family (1 patents, 1 countries)
 Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 20090179075	A1	20090716	US 2006612762	A	20061219	200949 B
			US 2003486578	P	20030711	
			US 2004826092	A	20040416	

Priority Applications (no., kind, date): US 2003486578 P 20030711; US 2004826092 A 20040416; US 2006612762 A 20061219

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 20090179075	A1	EN	30	6	Related to Provisional	US 2003486578
					Continuation of application	US 2004826092
					Continuation of patent	US 7152782

Alerting Abstract ...value transaction, loyalty card transaction and coupon transaction, on a mobile electronic device e.g. cellular phone, personal digital assistant, pager and walkie-talkie (all claimed), that is utilized for purchasing...

...applications deployed on the electronic device for use in a data transfer transaction and to authenticate to the application prior to initiating the transaction. The method manages deployed applications on the...

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0007/ 10...

G06F-0007/ 06...

Original Abstracts:

...for managing one or more applications deployed on a mobile electronic device, such as a cellular phone, are disclosed. The system and method enable the user of a mobile electronic device...

...of applications deployed on the mobile electronic device for use in a transaction and to authenticate himself or herself prior to initiating the transaction. The transaction may occur via a wireless interface and/or a contact-based interface. In addition, the system and method allow the...

Claims:

14/3,K/9 (Item 3 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0017338892 - Drawing available
 WPI ACC NO: 2008-B59331/200811
 Related WPI Acc No: 2008-B13489; 2008-B39382; 2008-B92571; 2008-C17585;

2008-C97862; 2008-D83046; 2008-F28725; 2008-G22906; 2008-L10524;
2009-G34418; 2009-G67309; 2009-L31539

Track data encrypting method for use in e.g. personal digital assistant,
involves receiving approval or disapproval for payment transaction after
providing secondary permanent account number

Patent Assignee: HAMMAD A (HAMM-I); VISA INT SERVICE ASSOC (VISA-N); VISA
USA INC (VISA-N)

Inventor: CARLSON M; FAITH P; HAMMAD A; AABYE C; KARLSSON M; SAHOTA J S

Patent Family (27 patents, 121 countries)

Patent		Application					
Number	Kind	Date	Number	Kind	Date	Update	
US 20070294182	A1	20071220	US 2006815059	P	20060619	200811	B
			US 2006815430	P	20060620		
			US 2007884089	P	20070109		
			US 2007761821	A	20070612		

< removed unnecessary information >

CA 2655311 A1 EN PCT Application WO 2007US71376
Based on OPI patent WO 2007149785

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0021/ 20...
...G06Q-0010/ 00...
...G06Q-0020/ 00...
...G06Q-0040/ 00...
...G06Q-0050/ 00...
...G06Q-0099/ 00...
G06F-0021/ 00...

Claims:

...CLAIM 26] A method, comprising: sending a first authorization
request message associated with a consumer conducting a transaction using a
portable wireless device; receiving a challenge message; sending a
second authorization request message including a challenge response
message; and receiving an authorization response message, wherein the
authorization response message indicates whether or not the
transaction is authorized.

[...CLAIM 26] A step for sending the second authorization request
message and method including the step [here the authorization
response message indicates whether it is not whether the transactions is
applied or not or not]receiving the authorization response message of
method comprising a step for reporting the first authorization
request message which is related to the consumer who performs the
transactions it uses: a step for receiving the test message: test response
message the hand-held wireless device...

14/3,K/11 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0014854172 - Drawing available
WPI ACC NO: 2005-201876/200521
Related WPI Acc No: 2008-B92571
XRPX Acc No: N2005-166150

Transaction payment service authenticating method for use in financial institution, involves generating two verification values, and disapproving transaction when verification values are unequal

Patent Assignee: AABYE C (AABY-I); SAHOTA J S (SAHO-I); VISA INT SERVICE ASSOC (VISA-N)

Inventor: AABYE C; SAHOTA J S; SAHOTA J

Patent Family (7 patents, 107 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 20050043997	A1	20050224	US 2003642878	A	20030818	200521 B
WO 2005020012	A2	20050303	WO 2004US26813	A	20040818	200521 E
EP 1656600	A2	20060517	EP 2004781493	A	20040818	200634 E
			WO 2004US26813	A	20040818	
AU 2004267784	A1	20050303	AU 2004267784	A	20040818	200670 E
KR 2006117902	A	20061117	WO 2004US26813	A	20040818	200734 E
			KR 2006703356	A	20060217	
JP 2007513529	W	20070524	WO 2004US26813	A	20040818	200735 E
			JP 2006524010	A	20040818	
SG 137855	A1	20071228	SG 200717870	A	20040818	200806 E

Priority Applications (no., kind, date): US 2003642878 A 20030818

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 20050043997	A1	EN	14	7		
WO 2005020012	A2	EN				

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

EP 1656600 A2 EN PCT Application WO 2004US26813
Based on OPI patent WO 2005020012

Regional Designated States,Original: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR

AU 2004267784 A1 EN Based on OPI patent WO 2005020012
KR 2006117902 A KO PCT Application WO 2004US26813

Based on OPI patent WO 2005020012
JP 2007513529 W JA 15 PCT Application WO 2004US26813

SG 137855 A1 EN

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

...G06Q-0020/00...

G06F. ..

Original Abstracts:

Methods and systems for dynamically generating a verification value for a transaction and for utilizing such value to verify the authenticity of the payment service application. The dynamically created verification value may be generated on a payment device, such as an integrated circuit credit card...

...is sent by a payment device to a point of sale terminal, which generates a verification value and embeds it into the payment data. The embedded verification value is used by a service provider to verify the authenticity of the transaction. The methods and systems may be used in a contactless (wireless) environment or a non-wireless environment...

...Methods and systems for dynamically generating a verification value for a transaction and for utilizing such value to verify the authenticity of the payment service application. The dynamically created verification value may be generated on a payment device, such as an integrated circuit credit card...

...is sent by a payment device to a point of sale terminal, which generates a verification value and embeds it into the payment data. The embedded verification value is used by a service provider to verify the authenticity of the transaction. The methods and systems may be used in a contactless (wireless) environment or a non-wireless environment...

...Methods and systems for dynamically generating a verification value for a transaction and for utilizing such value to verify the authenticity of the payment service application. The dynamically created verification value may be generated on a payment device, such as an integrated circuit credit card...

...is sent by a payment device to a point of sale terminal, which generates a verification value and embeds it into the payment data. The embedded verification value is used by a service provider to verify the authenticity of the transaction. The methods and systems may be used in a contactless (wireless) environment or a non-wireless environment...

Claims:

II. Text Search Results from Dialog - Patents

A. Abstract Databases

? show files;ds;cost;logoff hold

File 347:JAPIO Dec 1976-2009/Sep(Updated 091230)

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File 350:Derwent WPIX 1963-2009/UD= 201004

(c) 2010 Thomson Reuters

File 371:French Patents 1961-2002/BOPI 200209

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Set	Items	Description
S1	4282964	TRANSACTION OR ACTION OR OPERATION OR PROCEDURE OR ACTIVITY OR VERIFICATION OR AUTHENTICATION OR CONFIRMATION OR VALIDATION
S2	4651021	NUMBER OR NUMBERS OR CODE OR CODES OR VALUE OR VALUES OR IDENTIFIER OR IDENTIFIERS OR INDICAT?R OR INDICAT?RS
S3	1261063	COUNT OR COUNTER OR METER OR TABULAT?R OR ACCUMULATOR OR REGISTER OR TALLY
S4	9094897	GENERAT??? OR BUILD??? OR CONFIGUR? OR CONSTRUCT??? OR CRE-AT??? OR DEFIN??? OR DEVELOP? OR FORMULAT??? OR INSTANTIAT??? OR PRODUCE OR PRODUCING OR SYNTHESI?E? ? OR SYNTHESI?ING
S5	773202	SEQUENTIAL?? OR ITERATIVE OR ADAPTIVE OR PROGRESSIVE OR (C-ONTINUOUS?? OR PERPETUAL?? OR PERSISTENT?? OR REPEATING OR RE-CURRENT?? OR REPETITIVE)()(RECALCULAT??? OR RECOMPUT??? OR RE-FIGUR???) OR INTERACTIV? OR DYNAMIC? OR INTERACTIONAL
S6	306120	ENCRYPT OR ENCRYPTING OR ENCRYPTION OR ENCRYPTED OR ENCIPH-ER OR ENCIPHERING OR ENCIPHERED OR ENCODE OR ENCODED OR ENCOD-ING OR CIPHER()TEXT OR SCRAMBLE OR SCRAMBLES OR SCRAMBLING
S7	207835	DECRYPT OR DECRYPTS OR DECRYPTED OR DECRYPTING OR DECRYPTI-ON OR DECODE OR DECODING OR DECODES OR DECODED OR DECIPHER OR DECIPHER OR DECIPHERS OR DECIPHERED OR DECIPHERING OR UNSCRAM-BLE OR UNSCRAMBLES OR UNSCRAMBLING OR CRYPTANALYSIS
S8	2701419	EXTRACT OR EXTRACTING OR EXTRACTION OR EXTRACTS OR EXTRACT-ED OR FILTER OR FILTERING OR FILTRATION OR FILTERS OR FILTERED OR DISTIL? OR CULL OR CULLS OR CULLED OR CULLING OR GLEAN OR GLEANS OR GLEANED OR GLEANING OR SIFT OR SIFTS OR SIFTING OR -SIFTED OR DERIV?
S9	2905438	DECREMENT??? OR DECREAS??? OR SUBTRACT??? OR REMOV???
S10	3310320	CONCATENAT??? OR AGGREGAT??? OR INTEGRAT??? OR LINK??? OR -MATCH??? OR ALIGN??? OR SYNCHRONIS? OR SYNCHRONIZ? OR SYNC OR SYNCs OR SYNCH OR SYNCHS OR COORDINAT??? OR CO()ORDINAT??? OR HARMONI?
S11	20769	S1()S2
S12	2546	S1()S3
S13	15	S4(5N)(S11(10N)S12)
S14	2	S5(10N)S13

S15 25 S6(10N)S7(10N)S8(10N)S9(10N)S10
 S16 0 S14(S)S15
 S17 219 S11(S)S12
 S18 19 S4 AND S5 AND S17
 S19 14 S18 AND (S6 OR S7 OR S8 OR S9 OR S10)
 S20 14 IDPAT (sorted in duplicate/non-duplicate order)
 S21 14 IDPAT (primary/non-duplicate records only)

21/AN,AZ,TI/1 (Item 1 from file: 350)
 DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.
 0017708275
 Card verification value **generating** method for transaction conducted
 using portable consumer device e.g. credit card, involves receiving
dynamic data unit e.g. counter, and verification value **derived**
 from **dynamic** data unit
 Original Titles:
 Verification Error Reduction System
 Local Applications (No Type Date): US 2006815059 P 20060619; US
 2006815430 P 20060620; US 2007884089 P 20070109; US 2007764370 A 20070618
 Priority Applications (no., kind, date): US 2006815059 P 20060619; US
 2006815430 P 20060620; US 2007884089 P 20070109; US 2007764370 A 20070618

21/AN,AZ,TI/2 (Item 2 from file: 350)
 DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.
 0015639869
 Authorizing method for remote financial transaction involves determining
 personalization data in **dynamic** authentication code **generated**
 by mobile processing device based on data associated with account secret
 data in authorization database
 Original Titles:
 Method and system using **dynamic** authentication codes for authentication of transactions
 VERFAHREN UND SYSTEM ZUM AUTORISIEREN EINER TRANSAKTION UNTER
 VERWENDUNG EINES DYNAMISCHEN AUTORISIERUNGSCODES
 METHOD AND SYSTEM FOR AUTHORIZING A TRANSACTION USING A **DYNAMIC**
 AUTHORIZATION CODE
 PROCEDE ET SYSTEME POUR L'AUTORISATION D'UNE TRANSACTION UTILISANT UN
 CODE D'AUTORISATION DYNAMIQUE
 Local Applications (No Type Date): WO 2005US29758 A 20050818; EP
 2005791626 A 20050818; WO 2005US29758 A 20050818; AU 2005277198 A
 20050818; WO 2005US29758 A 20050818; IN 2007MN380 A 20070314; WO
 2005US29758 A 20050818; KR 2007705708 A 20070312; US 2004602594 P
 20040818; WO 2005US29758 A 20050818; US 2007675723 A 20070216; CN
 200580028482 A 20050818; WO 2005US29758 A 20050818; WO 2005US29758 A
 20050818; JP 2007528084 A 20050818; BR 200514505 A 20050818; WO
 2005US29758 A 20050818; ZA 20072057 A 20070309; WO 2005US29758 A
 20050818; MX 20071923 A 20070216

Priority Applications (no., kind, date): US 2004602594 P 20040818; WO 2005US29758 A 20050818; US 2007675723 A 20070216

21/AN,AZ,TI/3 (Item 3 from file: 350)

DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.

0015580393

Method for integrating proximity payment card transaction parameters in formatted data structure, involves storing proximity payment card transaction parameters in unused space identified in data structure, using bitmap stored in card

Original Titles:

Method and system for transmitting non-contact payment card trading variable with standardized data format using bitmap

VERFAHREN UND SYSTEM MIT EINER BITMAP ZUM WEITERGEBEN VON TRANSAKTIONS VARIABLEN KONTAKTLOSER BEZAHLUNGSKARTEN IN STANDARDISIERTEN DATENFORMATEN

METHOD AND SYSTEM USING A BITMAP FOR PASSING CONTACTLESS PAYMENT CARD TRANSACTION VARIABLES IN STANDARDIZED DATA FORMATS

PROCEDE ET SYSTEME UTILISANT UN TOPOGRAMME BINAIRE POUR TRANSMETTRE DES VARIABLES DE TRANSACTIONS DE CARTE DE PAIEMENT SANS CONTACT DANS DES FORMATS DE DONNEES NORMALISEES

Local Applications (No Type Date): US 2004588624 P 20040715; US

2005182351 A 20050715; WO 2005US25221 A 20050715; AU 2005274950 A

20050715; EP 2005773486 A 20050715; WO 2005US25221 A 20050715; KR

2007703732 A 20070215; WO 2005US25221 A 20050715; IN 2007MN202 A

20070209; WO 2005US25221 A 20050715; MX 2007475 A 20070112; WO

2005US25221 A 20050715; CN 200580028587 A 20050715; WO 2005US25221 A

20050715; JP 2007521696 A 20050715; WO 2005US25221 A 20050715; BR

200513375 A 20050715; WO 2005US25221 A 20050715; ZA 20071126 A 20070207

Priority Applications (no., kind, date): US 2004588624 P 20040715; US

2005182351 A 20050715

21/AN,AZ,TI/4 (Item 4 from file: 350)

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0015370930

Coded data for authentication of object e.g. credit card, lottery ticket, stores portion of digital signature as identity and padding including random number

Original Titles:

Signature verifying object encoding with many data parts

Method and device for tracking security document

AUTHENTIFIKATION EINES OBJEKTS UNTER VERWENDUNG EINER IN EINER ANZAHL VON DATENTEILEN CODIERTEN SIGNATUR

AUTHENTICATION OF AN OBJECT USING A SIGNATURE ENCODED IN A NUMBER OF DATA PORTIONS

AUTHENTIFICATION D'UN OBJET AU MOYEN D'UNE SIGNATURE CODEE DANS UN CERTAIN NOMBRE DE PARTIES DE DONNEES

Authentication of object using signature encoded in number of data portions
Method for authentication of pharmaceutical products
Interactive pharmaceutical product packaging
Pharmaceutical product packaging

< removed unnecessary information >

Coded data including a distributed data stream
Coded data including a digital signature with padding
Coded data associated with an object and encoding a distributed signature
Method for identifying a counterfeit security document
Method for remote authentication of pharmaceutical products
Method for identifying duplicated pharmaceutical product packaging
Local Applications (No Type Date): WO 2005AU65 A 20050124; US 200541625
A 20050125; US 200541624 A 20050125; US 200541626 A 20050125; US
200541627 A 20050125; US 200541580 A 20050125; US 200541723 A

< removed unnecessary information >

20050124; AU 2008221545 A 20080919; WO 2005AU65 A 20050124; IN
2006CN4250 A 20061117; US 200541610 A 20050125
Priority Applications (no., kind, date): AU 2004902623 A 20040518; AU
2005243106 A 20050124; AU 2008221545 A 20080919

21/AN,AZ, TI/5 (Item 5 from file: 350)
DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.
0013568686
Large-scale **integrated** circuit for mobile telephone, controls call of
clock control library and change of register value by application program
stored in read only memory
Original Titles:
SYSTEM LSI
Local Applications (No Type Date): US 2002251755 A 20020923; JP 200247696
A 20020225; US 2002251755 A 20020923; JP 200247696 A 20020225
Priority Applications (no., kind, date): JP 200247696 A 20020225; US
2002251755 A 20020923

21/AN,AZ, TI/6 (Item 6 from file: 350)
DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.
0013094070
Unauthorized use of proprietary data prevention apparatus e.g. for credit
card security, has user bio-metric sensor **integrated** which provides
authentication data for user to access programmed security key from a processor
Original Titles:
BIOMETRISCHE CHIPKARTE, LESER FUR BIOMETRISCHE CHIPKARTE UND

BENUTZUNGSVERFAHREN

A BIO-METRIC SMART CARD, BIO-METRIC SMART CARD READER, AND METHOD OF USE
CARTE INTELLIGENTE BIOMETRIQUE, SON LECTEUR ET PROCEDE D'UTILISATION

Local Applications (No Type Date): WO 2002US13263 A 20020426; EP

2002766828 A 20020426; WO 2002US13263 A 20020426; AU 2002308486 A
20020426

Priority Applications (no., kind, date): US 2001843572 A 20010426

21/AN,AZ,TI/7 (Item 7 from file: 350)

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0008921004

Scrolling control method for display device used in PC and work station -
involves scrolling display contents along direction of variation in contact
coordinates when contact with screen is maintained after contacting
operation corresponding to scroll area

Original Titles:

METHOD FOR CONTROLLING DISPLAY CONTENT OF DISPLAY DEVICE

Human interactive type display system

Local Applications (No Type Date): JP 19972630 A 19970110; US 1997891102

A 19970710; US 1997891102 A 19970710; US 2000568982 A 20000511; US

1997891102 A 19970710; US 2000568982 A 20000511; US 2003704652 A 20031112

Priority Applications (no., kind, date): JP 19972630 A 19970110

21/AN,AZ,TI/8 (Item 8 from file: 350)

DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.

0008386941

Non-volatile memory array endurance test method for e.g. mask programmable
memory - forming BILBO register on same chip as memory to be tested to
check information in control ROM and to latch output data from it,
microsequencer being caused to receive endurance test command while BILBO
register counts test cycles

Original Titles:

Verfahren und Vorrichtung zur Pruefung einer Speicher-integrierten Schaltung

A method and apparatus for testing an integrated circuit memory array

Procede et dispositif pour tester un circuit integre de memoire

DURABILITY TEST METHOD FOR MEMORY ARRAY AND MONITOR CIRCUIT FOR NUMBER
OF SPECIFIED FORMAT TEST

On-chip automatic procedures for memory testing.

Local Applications (No Type Date): US 1996659811 A 19960607; EP

1997109197 A 19970606; JP 1997149725 A 19970606; TW 1997107500 A

19970606; KR 199723324 A 19970605; EP 1997109197 A 19970606; DE

69726219 A 19970606; EP 1997109197 A 19970606

Priority Applications (no., kind, date): US 1996659811 A 19960607

21/AN,AZ,TI/9 (Item 9 from file: 350)

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0008061768

Processing unit for executing breakpoint and trace functions in real-time -
in which control register stores trigger response value for determining
function executed by processor when breakpoint signal is asserted

Original Titles:

Datenprozessor mit eingebauter Emulationsschaltung

Data processor with built-in emulation circuit

Processeur de donnees avec circuit d'emulation incorpore

DATA PROCESSOR

Data processing system for performing a debug function and method therefor.

Local Applications (No Type Date): EP 1996113470 A 19960822; JP

1996239887 A 19960822; KR 199635679 A 19960827; US 1995520943 A

19950830; EP 1996113470 A 19960822; DE 69616463 A 19960822; EP

1996113470 A 19960822; KR 199635679 A 19960827

Priority Applications (no., kind, date): US 1995520943 A 19950830; EP

1996113470 A 19960822

21/AN,AZ,TI/10 (Item 10 from file: 350)

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0007893544

Printer recording head scanning - selecting recording mode corresp. to
recording area in each of divided areas based on combination of information
according to count value previously obtained from counter

Original Titles:

Verfahren und Apparat zur Bildaufzeichnung

Image recording method and apparatus

Procede et appareil d'enregistrement d'images

METHOD AND DEVICE FOR RECORDING IMAGE

Image recording method and apparatus.

Local Applications (No Type Date): EP 1995305708 A 19950816; JP

1994199827 A 19940824; EP 1995305708 A 19950816; US 1995515214 A

19950815; JP 1994199827 A 19940824; EP 1995305708 A 19950816; DE

69531474 A 19950816; EP 1995305708 A 19950816

Priority Applications (no., kind, date): JP 1994199827 A 19940824; EP

1995305708 A 19950816

21/AN,AZ,TI/11 (Item 11 from file: 350)

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0007719038

Redundant load elimination method for optimising compiler - eliminating
LOAD instruction for each increment of iterative loop and including
instruction in compiled program to copy value of memory operation to register

Original Titles:

Redundant load elimination on optimizing compilers.

Local Applications (No Type Date): US 1994307216 A 19940916
Priority Applications (no., kind, date): US 1994307216 A 19940916

21/AN,AZ,TI/12 (Item 12 from file: 350)

DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.

0007286710

Dynamically allocating physical registers to procedures - involves storing stack pointer values in parameter passing registers when procedure is called and mapping used virtual registers

Original Titles:

Vorrichtung zur Registersicherstellung und Umspeicherung in einem digitalen Rechner

Apparatus for register saving and restoring in a digital computer

Dispositif pour la sauvegarde et la restauration de registres dans un calculateur numerique

REGISTER ASSIGNMENT METHOD AND REGISTER FILE PORT ACCESS DEVICE

Dynamic allocation of registers to procedures in a digital computer.

Local Applications (No Type Date): EP 1995104498 A 19950327; JP

1995108056 A 19950406; US 1994223804 A 19940406; US 1996629041 A

19960412; EP 1995104498 A 19950327; JP 1995108056 A 19950406

Priority Applications (no., kind, date): US 1994223804 A 19940406; US

1996629041 A 19960412

21/AN,AZ,TI/13 (Item 13 from file: 350)

DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.

0005794781

Motor drive camera shutter - comprises lamellae with signal edges in bordering region for opening or closing according to rotation of motor

Original Titles:

Kameraverschluss

Camera shutter

Local Applications (No Type Date): DE 4120450 A 19910620; GB 1991113597

A 19910624; US 1991719866 A 19910624; GB 1991113597 A 19910624

Priority Applications (no., kind, date): JP 199067123 U 19900625

21/AN,AZ,TI/14 (Item 14 from file: 350)

DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.

0005466298

Control appts. with separate sequence memory - has control which changes count by predetermined amount when each of events of operation is completed

Original Titles:

Folgensteuerungsgeraet mit separatem Folgespeicher und Blockierungs-Bedingungsspeicher

Sequence control apparatus having separate sequence memory and interlock condition memory

Appareil a commande sequentielle avec memoire separee et une memoire a

conditions de blocage

Local Applications (No Type Date): EP 1990116765 A 19900831; US
1990575493 A 19900830; EP 1990116765 A 19900831; DE 69023836 A
19900831; EP 1990116765 A 19900831

Priority Applications (no., kind, date): JP 1989228148 A 19890901

21/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0017708275 - Drawing available
WPI ACC NO: 2008-F28725/200835

Related WPI Acc No: 2008-B13489; 2008-B39382; 2008-B59331; 2008-B92571;
2008-C17585; 2008-C97862; 2008-D83046; 2008-G22906; 2008-L10524;
2009-G34418; 2009-G67309; 2009-L31539

Card verification value generating method for transaction conducted
using portable consumer device e.g. credit card, involves receiving
dynamic data unit e.g. counter, and verification value derived from dynamic data unit
Patent Assignee: FAITH P (FAIT-I); HAMMAD A (HAMM-I)

Inventor: FAITH P; HAMMAD A
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20080065553	A1	20080313	US 2006815059	P	20060619	200835 B
			US 2006815430	P	20060620	
			US 2007884089	P	20070109	
			US 2007764370	A	20070618	

Priority Applications (no., kind, date): US 2006815059 P 20060619; US
2006815430 P 20060620; US 2007884089 P 20070109; US 2007764370 A 20070618

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 20080065553	A1	EN	14	7	Related to Provisional	US 2006815059
					Related to Provisional	US 2006815430
					Related to Provisional	US 2007884089

Alerting Abstract ...NOVELTY - The method involves receiving a
dynamic data unit e.g. counter, and a verification value
derived from the dynamic data unit, and determining if the data
unit is within a predetermined range. The verification value is
generated in response to a transaction i.e. purchase transaction,
conducted using a portable consumer device e.g. credit card. Another
verification value is generated, and a determination is made whether
the latter value matches the former value or whether the latter value
is acceptable. An approval of the transaction is initiated when the latter
value matches the former value....a computer readable medium
comprising a code for receiving a dynamic data unit and a
verification value derived from the dynamic data unit a
computer comprising the computer readable medium that has a code for
receiving a dynamic data unit...

...USE - Method for generating a card verification value for each
transaction conducted using a portable consumer device e.g...

...ADVANTAGE - The method dynamically verifies the authenticity of
the payment service deployed on the portable consumer device...

...DESCRIPTION OF DRAWINGS - The drawing shows a flow diagram of a method for generating a dynamically generated card verification value for each transaction...

...102 Application transaction counter

...106 Concatenated value...

...120, 126, 130, 134 Encryption keys

Title Terms.../Index Terms/Additional Words: GENERATE; ...

...DYNAMIC; ...

...DERIVATIVE

Original Abstracts:

A method is disclosed. The method includes a) receiving a dynamic data element and a first verification value derived from the dynamic data element, wherein the first verification value is generated in response to a transaction conducted using a portable consumer device, b) determining if the dynamic data element is within a predetermined range, c) if the dynamic data element is within the predetermined range, generating a second verification value, d) determining if the second verification value matches the first verification value, or if the second verification value is otherwise acceptable, and e) initiating the approval the transaction if the second verification value matches the first verification value.

Claims:

What is claimed is: 1. A method comprising: a) receiving a dynamic data element and a first verification value derived from the dynamic data element, wherein the first verification value is generated in response to a transaction conducted using a portable consumer device; b) determining if the dynamic data element is within a predetermined range; c) generating a second verification value; d) determining if the second verification value matches the first verification value, or if the second verification value is otherwise acceptable; and e) initiating the approval the transaction if the second verification value matches the first verification value, or if the second verification value is otherwise acceptable.

21/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0015639869 - Drawing available
WPI ACC NO: 2006-204047/200621

XRPX Acc No: N2006-175652

Authorizing method for remote financial transaction involves determining personalization data in dynamic authentication code generated by mobile processing device based on data associated with account secret data in authorization database

Patent Assignee: MASTERCARD INT INC (MAST-N); WANKMUELLER J (WANK-I)

Inventor: WANKMUELLER J

Patent Family (11 patents, 110 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
WO 2006023839	A2	20060302	WO 2005US29758	A	20050818	200621 B
EP 1810243	A2	20070725	EP 2005791626	A	20050818	200750 E
			WO 2005US29758	A	20050818	
AU 2005277198	A1	20060302	AU 2005277198	A	20050818	200759 E
IN 200700380	P3	20070720	WO 2005US29758	A	20050818	200770 E
			IN 2007MN380	A	20070314	
KR 2007053748	A	20070525	WO 2005US29758	A	20050818	200804 E
			KR 2007705708	A	20070312	
US 20080040285	A1	20080214	US 2004602594	P	20040818	200813 E
			WO 2005US29758	A	20050818	
			US 2007675723	A	20070216	
CN 101048794	A	20071003	CN 200580028482	A	20050818	200816 E
			WO 2005US29758	A	20050818	
JP 2008511060	W	20080410	WO 2005US29758	A	20050818	200827 E
			JP 2007528084	A	20050818	
BR 200514505	A	20080610	BR 200514505	A	20050818	200847 E
			WO 2005US29758	A	20050818	
ZA 200702057	A	20080730	ZA 20072057	A	20070309	200861 E
MX 2007001923	A1	20080831	WO 2005US29758	A	20050818	200944 E
			MX 20071923	A	20070216	

Priority Applications (no., kind, date): US 2004602594 P 20040818; WO 2005US29758 A 20050818; US 2007675723 A 20070216

Patent Details

Number Kind Lan Pg Dwg Filing Notes

WO 2006023839 A2 EN 21 3

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LT LU LV MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

EP 1810243 A2 EN PCT Application WO 2005US29758

Based on OPI patent WO 2006023839

Regional Designated States,Original: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR YU

AU 2005277198 A1 EN Based on OPI patent WO 2006023839

IN 200700380 P3 EN PCT Application WO 2005US29758
 KR 2007053748 A KO PCT Application WO 2005US29758
 Based on OPI patent WO 2006023839
 US 20080040285 A1 EN Related to Provisional US 2004602594
 Continuation of application WO 2005US29758
 CN 101048794 A ZH PCT Application WO 2005US29758
 Based on OPI patent WO 2006023839
 JP 2008511060 W JA 13 PCT Application WO 2005US29758
 Based on OPI patent WO 2006023839
 BR 200514505 A PT PCT Application WO 2005US29758
 Based on OPI patent WO 2006023839
 ZA 200702057 A EN 25
 MX 2007001923 A1 ES PCT Application WO 2005US29758
 Based on OPI patent WO 2006023839

Original Titles:

Method and system using dynamic authentication codes for authentication of transactions...

...METHOD AND SYSTEM FOR AUTHORIZING A TRANSACTION USING A DYNAMIC AUTHORIZATION CODE...

Alerting Abstract ...NOVELTY - Personalization data in a dynamic authentication code generated by a mobile processing device are determined based on data associated with account secret data...

Title Terms.../Index Terms/Additional Words: DYNAMIC; ...

...GENERATE;

Original Abstracts:

A method and a system for executing secure transactions includes generate dynamic authentication codes in mobile devices based on private data of incapable identified accounts. The authentication...

...A method and apparatus for conducting a secure transaction involving generation of a dynamic authentication code on a mobile device, based on secret data which does not identify an...

...A method and apparatus for conducting a secure transaction involving generation of a dynamic authentication code on a mobile device, based on secret data which does not identify an...

...A method and apparatus for conducting a secure transaction involving generation of a dynamic authentication code on a mobile device, based on secret data which does not identify an...

Claims:

...correlate private data of account with the only financial account identifier in the authentication database; generate individual data at least partially based on data correlated with the private data of account...

< removed unnecessary information >

...comprising: associating account secret data with a unique financial account identifier in an authorization database; generating

personalization data based at least in part on data associated with said account secret data...

...request to authorize a transaction, said request including said unique financial account identifier and a dynamic authentication code generated by said mobile processing device; determining whether said dynamic authentication code was generated by a mobile processing device containing personalization data that was generated at least in part based on data associated with said account secret data associated with

21/3,K/8 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0008386941 - Drawing available
WPI ACC NO: 1997-502587/199746
XRPX Acc No: N1997-418974
Non-volatile memory array endurance test method for e.g. mask programmable memory - forming BILBO register on same chip as memory to be tested to check information in control ROM and to latch output data from it, microsequencer being caused to receive endurance test command while BILBO register counts test cycles
Patent Assignee: TEXAS INSTR INC (TEXI)
Inventor: LEUNG Y J; LEUNG Y Y J; YU-YING J L
Patent Family (7 patents, 21 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 5675546	A	19971007	US 1996659811	A	19960607	199746 B
EP 811989	A2	19971210	EP 1997109197	A	19970606	199803 E
JP 10083700	A	19980331	JP 1997149725	A	19970606	199823 E
TW 324825	A	19980111	TW 1997107500	A	19970606	199828 E
KR 1998006434	A	19980330	KR 199723324	A	19970605	199905 E
EP 811989	B1	20031119	EP 1997109197	A	19970606	200377 E
DE 69726219	E	20031224	DE 69726219	A	19970606	200408 E
			EP 1997109197	A	19970606	

Priority Applications (no., kind, date): US 1996659811 A 19960607

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 5675546	A	EN	12	7		
EP 811989	A2	EN	14	7		

Regional Designated States,Original: AT BE CH DE DK ES FI FR GB GR IE IT
LI LU MC NL PT SE

JP 10083700	A	JA	16
TW 324825	A	ZH	
EP 811989	B1	EN	

Regional Designated States,Original: DE FR GB IT NL

Original Titles:

...A method and apparatus for testing an integrated circuit memory array...

Alerting Abstract ...to furnish a signal to the control ROM. The incrementer takes the multiplexer signal to generate a next microcode address. The BILBO register, usable as a counter, then checks information in...

...requires fewer external status checks. External tester may have smaller number of I/O pins, decreasing cost of external test hardware.

Original Abstracts:

...invention permit the external tester to have a smaller number of input/output pins (CONTROL), decreasing the cost of the external test hardware. Specifically, the endurance test (Autocycle), automatically cycles the memory chip through any...

...invention permit the external tester to have a smaller number of input/output pins (CONTROL), decreasing the cost of the external test hardware. Specifically, the endurance test (Autocycle), automatically cycles the memory chip through any combination of programming, erasing, and...

Claims:

...said instruction decoder controlling a subroutine stack, including a program counter multiplexer for receiving said operation code, for receiving a second signal from said subroutine stack, and for receiving a third signal from an incrementer, said program counter...

< removed unnecessary information >

...causing said microsequencer to receive an endurance test command; and using said built-in-logic-block-observation register to count the number of endurance test cycles.

21/3,K/14 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0005466298 - Drawing available
WPI ACC NO: 1991-067034/199110
XRPX Acc No: N1991-051876

Control appts. with separate sequence memory - has control which changes count by predetermined amount when each of events of operation is completed
Patent Assignee: FUJI MACH MFG CO LT (FUJI-N); FUJI MACHINE MFG CO LTD (FUJI-N)
Inventor: KAMOSHITA S; KOUMURA K; OKADA M; SUGIURA M
Patent Family (4 patents, 14 countries)

Patent	Application
Number	Kind Date Number Kind Date Update

EP 415445 A 19910306 EP 1990116765 A 19900831 199110 B
 US 5128857 A 19920707 US 1990575493 A 19900830 199230 E
 EP 415445 B1 19951129 EP 1990116765 A 19900831 199601 E
 DE 69023836 E 19960111 DE 69023836 A 19900831 199607 E
 EP 1990116765 A 19900831

Priority Applications (no., kind, date): JP 1989228148 A 19890901

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
EP 415445	A	EN				
Regional Designated States,Original: AT BE CH DE ES FR GB GR IT LI LU NL SE						
US 5128857	A	EN	27	8		
EP 415445	B1	EN	39	8		
Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IT LI LU NL SE						
DE 69023836	E	DE			Application	EP 1990116765
Based on OPI patent EP 415445						

Alerting Abstract ...The sequence control appts. includes a counter (22) which sequentially designates memory areas of a sequence memory (24) to read out respective sets of operation commands to represent respective events of operation of a controllable device (50). The counter also sequentially designates memory areas of an interlock condition memory (26) to read out respective sets of...

...When each event of operation is completed, the counter is incremented or decremented, and the conditions of the controllable device are checked to determine whether the set of...

Equivalent Alerting Abstract ...The device includes a counter which sequentially designates memory areas of a sequence memory to read out respective sets of operation commands to represent respective events of operation of a controllable device. The counter also sequentially designates memory areas of an interlock condition memory to read out respective sets of interlock...

...When each event of operation is completed, the counter is incremented or decremented, and the conditions of the controllable device are checked to determine whether the set of...

Original Abstracts:

A sequence control apparatus including a counter (22) which sequentially designates memory areas of a sequence memory (24) to read out respective sets of operation commands to represent respective events of operation of a controllable device (50). The counter also sequentially designates memory areas of an interlock condition memory (26) to read out respective sets of interlock conditions that should...

< removed unnecessary information >

...1. A sequence control apparatus for generating a plurality of sets of operation commands adapted for performing respective events of operation

in a predetermined sequence on a controllable device (50), comprising
a) a counter (22) whose count is changeable by a predetermined incremental or decremental amount, b) a sequence memory (24) having a plurality of memory areas storing said plurality of sets of operation commands, respectively, and c) a controller (10) for sequentially applying said sets of operation commands to said controllable device (50) according to respective count values of said counter (22), said sequence control apparatus being characterized in that d) said sequence memory (24) is part of a random-access memory (16...

...satisfied for said respective events of operation to be performed according to said sets of operation commands, respectively;

f) a current status memory (30) is provided for storing status data representative of

B. Full-Text Databases

? show files;ds;cost;logoff hold

File 348:EUROPEAN PATENTS 1978-201002

(c) 2010 European Patent Office

File 349:PCT FULLTEXT 1979-2010/UB= 20100107|UT= 20091231

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Set	Items	Description
S1	1939630	TRANSACTION OR ACTION OR OPERATION OR PROCEDURE OR ACTIVITY OR VERIFICATION OR AUTHENTICATION OR CONFIRMATION OR VALIDATION
S2	1939630	TRANSACTION OR ACTION OR OPERATION OR PROCEDURE OR ACTIVITY OR VERIFICATION OR AUTHENTICATION OR CONFIRMATION OR VALIDATION
S3	1524111	NUMBER OR NUMBERS OR CODE OR CODES OR VALUE OR VALUES OR IDENTIFIER OR IDENTIFIERS OR INDICAT?R OR INDICAT?RS
S4	479608	COUNT OR COUNTER OR METER OR TABULAT?R OR ACCUMULATOR OR REGISTER OR TALLY
S5	1799545	GENERAT??? OR BUILD??? OR CONFIGUR? OR CONSTRUCT??? OR CREATE??? OR DEFIN??? OR DEVELOP? OR FORMULAT??? OR INSTANTIAT??? OR PRODUCE OR PRODUCING OR SYNTHESI?E? ? OR SYNTHESI?ING
S6	596099	SEQUENTIAL?? OR ITERATIVE OR ADAPTIVE OR PROGRESSIVE OR (CONTINUOUS?? OR PERPETUAL?? OR PERSISTENT?? OR REPEATING OR RECURRENT?? OR REPETITIVE)()(RECALCULAT??? OR RECOMPUT??? OR REFIGUR???) OR INTERACTIV? OR DYNAMIC? OR INTERACTIONAL
S7	275608	ENCRYPT OR ENCRYPTING OR ENCRYPTION OR ENCRYPTED OR ENCIPHER OR ENCIPHERING OR ENCIPHERED OR ENCODE OR ENCODED OR ENCODING OR CIPHER()TEXT OR SCRAMBLE OR SCRAMBLES OR SCRAMBLING
S8	137884	DECRYPT OR DECRYPTS OR DECRYPTED OR DECRYPTING OR DECRYPTION OR DECODE OR DECODING OR DECODES OR DECODED OR DECIPHER OR DECIPHER OR DECIPHERS OR DECIPHERED OR DECIPHERING OR UNSCRAMBLE OR UNSCRAMBLES OR UNSCRAMBLING OR CRYPTANALYSIS
S9	1043476	EXTRACT OR EXTRACTING OR EXTRACTION OR EXTRACTS OR EXTRACTED OR FILTER OR FILTERING OR FILTRATION OR FILTERS OR FILTERED OR DISTIL? OR CULL OR CULLS OR CULLED OR CULLING OR GLEAN OR GLEANS OR GLEANED OR GLEANING OR SIFT OR SIFTS OR SIFTING OR - SIFTED OR DERIV?
S10	1271942	DECREMENT??? OR DECREAS??? OR SUBTRACT??? OR REMOV???
S11	1233948	CONCATENAT??? OR AGGREGAT??? OR INTEGRAT??? OR LINK??? OR - MATCH??? OR ALIGN??? OR SYNCHRONIS? OR SYNCHRONIZ? OR SYNC OR SYNCs OR SYNCH OR SYNCHS OR COORDINAT??? OR CO()ORDINAT??? OR HARMONI?
S12	21479	S2()S3
S13	2424	S2()S4
S14	17	S5(5N)(S12(10N)S13)
S15	2	S6(10N)S14
S16	107	S7(10N)S8(10N)S9(10N)S10(10N)S11
S17	92267	S2(2N)S3

S18 19567 S2(2N)S4
 S19 191 S5(7N)(S17(15N)S18)
 S20 18 S6(15N)S19
 S21 32 S6(S)S19
 S22 18 S21(S)(S7 OR S8 OR S9 OR S10 OR S11)
 S23 27 S20 OR S22
 S24 18 S23 AND IC= (G06F OR G06Q)
 S25 18 IDPAT (sorted in duplicate/non-duplicate order)
 S26 18 IDPAT (primary/non-duplicate records only)

26/AN,AZ,TI/1 (Item 1 from file: 348)
 DIALOG(R)File 348:(c) 2010 European Patent Office. All rts. reserv.
 02615076
 Systems and methods for secure transaction management and electronic rights protection
 Systeme und Verfahren zur Verwaltung sicherer Transaktionen und zum Schutz
 der elektronischen Rechte
 Systemes et procedes de gestion de transactions securisees et de protection
 des droits electroniques
 APPLICATION (CC, No, Date): EP 2008105555 960213;
 PRIORITY (CC, No, Date): US 388107 950213

26/AN,AZ,TI/2 (Item 2 from file: 348)
 DIALOG(R)File 348:(c) 2010 European Patent Office. All rts. reserv.
 00961471
 Method for quickly generating successive pseudorandom numbers
 Verfahren zur schnellen Erzeugung aufeinanderfolgender Pseudozufallszahlen
 Procédé de generation rapide de nombres pseudoaleatoires successifs
 APPLICATION (CC, No, Date): EP 98201725 940629;
 PRIORITY (CC, No, Date): US 86080 930630

26/AN,AZ,TI/3 (Item 3 from file: 348)
 DIALOG(R)File 348:(c) 2010 European Patent Office. All rts. reserv.
 00711606
 Start code detector for image sequences
 Detektor für den Startcode von Bildsequenzen
 Detecteur de code de depart pour sequences d'images
 APPLICATION (CC, No, Date): EP 95301301 950228;
 PRIORITY (CC, No, Date): GB 9405914 940324

26/AN,AZ,TI/4 (Item 4 from file: 348)
 DIALOG(R)File 348:(c) 2010 European Patent Office. All rts. reserv.
 00711605
 Reconfigurable data processing stage
 Rekonfigurierbare Datenverarbeitungsstufe

Etage d'operation de donnees reconfigurable
APPLICATION (CC, No, Date): EP 95301300 950228;
PRIORITY (CC, No, Date): GB 9405914 940324

26/AN,AZ,TI/5 (Item 5 from file: 348)
DIALOG(R)File 348:(c) 2010 European Patent Office. All rts. reserv.
00484093
Reconfigurable sequential processor.
Rekonfigurierbarer, sequentiell arbeitender Prozessor.
Processeur sequentiel reconfigurable.
APPLICATION (CC, No, Date): EP 91304780 910528;
PRIORITY (CC, No, Date): US 647557 910129

26/AN,AZ,TI/6 (Item 6 from file: 348)
DIALOG(R)File 348:(c) 2010 European Patent Office. All rts. reserv.
00314249
Franking machine system.
Frankiermaschinensystem.
Systeme de machine a affranchir.
APPLICATION (CC, No, Date): EP 88306278 880708;
PRIORITY (CC, No, Date): GB 8716184 870709

26/AN,AZ,TI/7 (Item 7 from file: 348)
DIALOG(R)File 348:(c) 2010 European Patent Office. All rts. reserv.
00306062
Digital data processing system.
Digitales Datenverarbeitungssystem.
Systeme du traitement de donnees numeriques.
APPLICATION (CC, No, Date): EP 88200921 820521;
PRIORITY (CC, No, Date): US 266413 810522; US 266539 810522; US 266521
810522; US 266415 810522; US 266409 810522; US 266424 810522; US 266421
810522; US 266404 810522; US 266414 810522; US 266532 810522; US 266403
810522; US 266408 810522; US 266401 810522; US 266524 810522

26/AN,AZ,TI/8 (Item 8 from file: 348)
DIALOG(R)File 348:(c) 2010 European Patent Office. All rts. reserv.
00306058
Digital data processing system.
Digitales Datenverarbeitungssystem.
Systeme de traitement de donnees numeriques.
APPLICATION (CC, No, Date): EP 88200917 820521;
PRIORITY (CC, No, Date): US 266404 810522

26/AN,AZ, TI/9 (Item 9 from file: 348)
DIALOG(R)File 348:(c) 2010 European Patent Office. All rts. reserv.
00306057
Digital data processing system.
Digitales Datenverarbeitungssystem.
Systeme de traitement de donnees numeriques.
APPLICATION (CC, No, Date): EP 88200916 820521;
PRIORITY (CC, No, Date): US 266401 810522

26/AN,AZ, TI/10 (Item 10 from file: 348)
DIALOG(R)File 348:(c) 2010 European Patent Office. All rts. reserv.
00296046
Programmable data path width in a programmable unit having plural levels of
subinstruction sets.
Programmierbare Datenpfadbreite in einer programmierbaren Einheit mit
mehreren Niveaus von Unterbefehlssätzen.
Largeur de bus de donnees programmable dans une unite programmable a
plusieurs niveaux de jeux de sous-instructions.
APPLICATION (CC, No, Date): EP 88112570 850926;
PRIORITY (CC, No, Date): US 656247 841001; US 656547 841001

26/AN,AZ, TI/11 (Item 11 from file: 348)
DIALOG(R)File 348:(c) 2010 European Patent Office. All rts. reserv.
00249490
Fail safe architecture for a computer system
Ausfallsichere Architektur fur ein Rechnersystem
Architecture sure contre les defaillances pour un systeme de calculateur
APPLICATION (CC, No, Date): EP 87400709 870331;
PRIORITY (CC, No, Date): US 846159 860331

26/AN,AZ, TI/12 (Item 12 from file: 349)
DIALOG(R)File 349:(c) 2010 WIPO/Thomson. All rts. reserv.
01663585
DYNAMIC MAGNETIC STRIPE
BANDE MAGNETIQUE DYNAMIQUE
Application: WO 2007US84994 20071116 (PCT/WO US2007084994)

26/AN,AZ, TI/13 (Item 13 from file: 349)
DIALOG(R)File 349:(c) 2010 WIPO/Thomson. All rts. reserv.
01601542
PORTABLE CONSUMER DEVICE CONFIGURED TO GENERATE DYNAMIC AUTHENTICATION
DATA
dispositif grand public portable configure pour generer des donnees
d'authentification dynamique
Application: WO 2007US71518 20070619 (PCT/WO US2007071518)

26/AN,AZ,TI/14 (Item 14 from file: 349)
DIALOG(R)File 349:(c) 2010 WIPO/Thomson. All rts. reserv.
01531693
METHODS AND SYSTEMS FOR TWO-FACTOR AUTHENTICATION USING CONTACTLESS
CHIP CARDS OR DEVICES AND MOBILE DEVICES OR DEDICATED PERSONAL READERS
METHODES ET SYSTEMES PERMETTANT UNE AUTHENTIFICATION A DEUX FACTEURS,
FAISANT INTERVENIR DES DISPOSITIFS OU DES CARTES A PUCE SANS CONTACT,
ET DISPOSITIFS MOBILES OU LECTEURS PERSONNELS SPECIFIQUES ASSOCIES
Application: WO 2006US62554 20061222 (PCT/WO US2006062554)

26/AN,AZ,TI/15 (Item 15 from file: 349)
DIALOG(R)File 349:(c) 2010 WIPO/Thomson. All rts. reserv.
01493117
DEVICE, SYSTEM AND METHOD FOR REDUCING AN INTERACTION TIME FOR A
CONTACTLESS TRANSACTION
DISPOSITIF, SYSTEME ET PROCEDE DE REDUCTION DE LA DUREE D'INTERACTION POUR
UNE TRANSACTION SANS CONTACT
Application: WO 2006US38047 20060928 (PCT/WO US2006038047)

26/AN,AZ,TI/16 (Item 16 from file: 349)
DIALOG(R)File 349:(c) 2010 WIPO/Thomson. All rts. reserv.
01341274
METHOD AND SYSTEM FOR AUTHORIZING A TRANSACTION USING A DYNAMIC
AUTHORIZATION CODE
PROCEDE ET SYSTEME POUR L'AUTORISATION D'UNE TRANSACTION UTILISANT UN
CODE D'AUTORISATION DYNAMIQUE
Application: WO 2005US29758 20050818 (PCT/WO US2005029758)

26/AN,AZ,TI/17 (Item 17 from file: 349)
DIALOG(R)File 349:(c) 2010 WIPO/Thomson. All rts. reserv.
00750927
PROMOTIONAL GAME PLAYED ONLINE
JEU OU LOTERIE AVEC UN PRIX VALIDE ET/OU REMBOURSE EN LIGNE
Application: WO 2000US11094 20000421 (PCT/WO US0011094)

26/AN,AZ,TI/18 (Item 18 from file: 349)
DIALOG(R)File 349:(c) 2010 WIPO/Thomson. All rts. reserv.
00344642
SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC
RIGHTS PROTECTION
SYSTEMES ET PROCEDES DE GESTION SECURISEE DE TRANSACTIONS ET DE
PROTECTION ELECTRONIQUE DES DROITS
Application: WO 96US2303 19960213 (PCT/WO US9602303)

26/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2010 European Patent Office. All rts. reserv.

02615076

Systems and methods for secure transaction management and electronic rights protection
Systeme und Verfahren zur Verwaltung sicherer Transaktionen und zum Schutz
der elektronischen Rechte

Systemes et procedes de gestion de transactions securisees et de protection
des droits electroniques

PATENT ASSIGNEE:

Intertrust Technologies Corp, (7745470), 955 Stewart Drive, Sunnyvale CA
94085-3913, (US), (Applicant designated States: all)

INVENTOR:

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Shear, Victor, H., 5203 Battery Lane, Bethesda MD 20814, (US)
Spahn, Francis, J., 2410 Edwards Avenue, El Cerrito CA 94530, (US)
Van Wie, David, M., P.O. Box 5610, Eugene OR 97405, (US)

LEGAL REPRESENTATIVE:

Williams, Michael Ian (92852), fj Cleveland 40-43 Chancery Lane, London
WC2A 1JQ, (GB)

PATENT (CC, No, Kind, Date): EP 2015214 A2 090114 (Basic)

APPLICATION (CC, No, Date): EP 2008105555 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

G06F-0021/00 A I F B 20060101 20081124 H EP

ABSTRACT WORD COUNT: 88

NOTE: Figure number on first page: 80

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	200903	613
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SPEC A	(English)	200903	194827
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Total word count - document A	195440
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Total word count - document B	0
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Total word count - documents A + B	195440
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INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

G06F-0021/00 A I F B 20060101 20081124 H EP

...SPECIFICATION user transaction listings (level of detail might depend,
for example on type or size of transaction-information regarding a
bank interest payment to a customer or a transfer of a large...

26/3,K/7 (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2010 European Patent Office. All rts. reserv.

00306062

Digital data processing system.
Digitales Datenverarbeitungssystem.
Systeme du traitement de donnees numeriques.

PATENT ASSIGNEE:

DATA GENERAL CORPORATION, (410940), Route 9, Westboro Massachusetts 01581
, (US), (applicant designated states: AT;BE;CH;DE;FR;GB;IT;LI;LU;NL;SE)

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Gruner, Ronald Hans, 112 Dublin Wood Drive, Cary North Carolina 27514, (US)
Mundie, Craig James, 136 Castlewood Drive, Cary North Carolina, (US)
Schleimer, Stephen I., 1208 Ellen Place, Chapel Hill North Carolina 27514, (US)
Wallach, Steven J., 12436 Green Meadow Lane, Saratoga California 95070, (US)

LEGAL REPRESENTATIVE:

Robson, Aidan John et al (69471), Reddie & Grose 16 Theobalds Road,
London WC1X 8PL, (GB)

PATENT (CC, No, Kind, Date): EP 300516 A2 890125 (Basic)

EP 300516 A3 890426

EP 300516 B1 931124

APPLICATION (CC, No, Date): EP 88200921 820521;

PRIORITY (CC, No, Date): US 266413 810522; US 266539 810522; US 266521

810522; US 266415 810522; US 266409 810522; US 266424 810522; US 266421

810522; US 266404 810522; US 266414 810522; US 266532 810522; US 266403

810522; US 266408 810522; US 266401 810522; US 266524 810522

DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IT; LI; LU; NL; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 67556 (EP 823025960)

INTERNATIONAL PATENT CLASS (V7): G06F-009/ 46; G06F-012/ 14;

ABSTRACT WORD COUNT: 122

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS B	(English)	EPBBF1	1018
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CLAIMS B	(German)	EPBBF1	868
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CLAIMS B	(French)	EPBBF1	1115
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SPEC B	(English)	EPBBF1	154256
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Total word count - document A	0
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Total word count - document B	157257
-------------------------------	--------

Total word count - documents A + B	157257
------------------------------------	--------

INTERNATIONAL PATENT CLASS (V7): G06F-009/ 46...

...G06F-012/ 14

...SPECIFICATION Block 10218 will be described next below.

C. Virtual Processor State Blocks and Virtual Process Creation (Fig. 102)

Referring again to Fig. 102, VP State Blocks 10218 is used in management...each Name is an 8, 12, or 16 bit number. All Names within a particular process will be of the same length. As will be described in a following discussion, Names appearing during execution of a process...Fig. 207 will be referred to in conjunction with Fig. 201 in the following discussion of MEM 10112's control structure.

26/3,K/13 (Item 13 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2010 WIPO/Thomson. All rts. reserv.

01601542 **Image available**

PORTABLE CONSUMER DEVICE CONFIGURED TO GENERATE DYNAMIC AUTHENTICATION DATA

dispositif grand public portable configure pour generer des donnees
d'authentification dynamique

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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FAITH Patrick, 2810 Jones Gate Court, Pleasanton, CA 94566, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

ZHANG Patrick et al (agent), Townsend and Townsend and Crew LLP, Two
Embarcadero Center, 8th Floor, San Francisco, California 94111, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 2007149830 A2-A3 20071227 (WO 07149830)

Application: WO 2007US71518 20070619 (PCT/WO US2007071518)

Priority Application: US 2006815059 20060619; US 2006815430 20060620; US
2007884089 20070109; US 2007764622 20070618

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BH BR BW BY BZ CA CH CN CO CR CU CZ DE DK
DM DO DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE KG
KM KN KP KR KZ LA LC LK LR LS LT LU LY MA MD ME MG MK MN MW MX MY MZ NA
NG NI NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN
TR TT TZ UA UG US UZ VC VN ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC MT
NL PL PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7291

International Patent Class (v8 + Attributes)

IPC + Level Value Position Status Version Action Source Office:

G06F-0012/14...

Fulltext Availability:

Claims

Detailed Description

...[0034] Dynamic CWs (or dCWs) are described in Sahota et al. U.S.

Patent Application Publication No...

...which is incorporated by reference herein in its entirety for all purposes. Sahota describes the generation of a dynamic verification value using an automatic transaction counter (ATC) maintained on the device in conjunction with payment data from the device such as...

...by the service provider to a predetermined value. Thereafter, the ATC may be incremented or decremented with each transaction. The service provider which deployed the payment service will maintain a corresponding...

26/3,K/14 (Item 14 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2010 WIPO/Thomson. All rts. reserv.

01531693 ** Image available**

METHODS AND SYSTEMS FOR TWO-FACTOR AUTHENTICATION USING CONTACTLESS CHIP CARDS OR DEVICES AND MOBILE DEVICES OR DEDICATED PERSONAL READERS
METHODES ET SYSTEMES PERMETTANT UNE AUTHENTIFICATION A DEUX FACTEURS, FAISANT INTERVENIR DES DISPOSITIFS OU DES CARTES A PUCE SANS CONTACT, ET DISPOSITIFS MOBILES OU LECTEURS PERSONNELS SPECIFIQUES ASSOCIES

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

RANS Jean-paul Edmond, 7, Rue Wilquet Werner, B-1473 Glabais, BE, BE (Residence), BE (Nationality), (Designated only for: US)

VANNESTE Paul, Avenue Des Sittelles 5, B-1340 Ottignies, BE, BE (Residence), BE (Nationality), (Designated only for: US)

Legal Representative:

WILLIAMS Eliot D et al (agent), BAKER BOTTS L.L.P., 30 Rockefeller Plaza, New York, NY 10112-4498, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200776476 A2-A3 20070705 (WO 0776476)

Application: WO 2006US62554 20061222 (PCT/WO US2006062554)

Priority Application: US 2005753311 20051222

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE KG KM KN
KP KR KZ LA LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MY MZ NA NG NI
NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN TR TT
TZ UA UG US UZ VC VN ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL
PL PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7062

International Patent Class (v8 + Attributes)

IPC + Level Value Position Status Version Action Source Office:

G06Q-0040/ 00...

Fulltext Availability:

Claims

Detailed Description

...The contactless chip card can use a variety of variables in
generating the dynamic value including a
transaction counter that it stores internally, as well as an
unpredictable number generated by the mobile device...

...the card with a terminal-generated random challenge (UN). It gets in
return a cryptographically generated card authentication
code (CVC3), or dynamic value, typically computed on data
including that UN and a card-stored counter (ATC), or
transaction counter, incremented at each transaction.

26/3,K/16 (Item 16 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2010 WIPO/Thomson. All rts. reserv.

01341274 **Image available**

METHOD AND SYSTEM FOR AUTHORIZING A TRANSACTION USING A DYNAMIC
AUTHORIZATION CODE

PROCEDE ET SYSTEME POUR L'AUTORISATION D'UNE TRANSACTION UTILISANT UN
CODE D'AUTORISATION DYNAMIQUE

Patent Applicant/Assignee:

MASTERCARD INTERNATIONAL INCORPORATED, 2000 Purchase Street, Purchase, NY
10577, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

WANKMUELLER John, 35 Tanners Road, Great Neck, NY 11020, US, US
(Residence), US (Nationality),

Legal Representative:

SCHEINFELD Robert C et al (agent), Baker Botts L.L.P., 30 Rockefeller Plaza, New York, NY 10112-4498, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200623839 A2-A3 20060302 (WO 0623839)

Application: WO 2005US29758 20050818 (PCT/WO US2005029758)

Priority Application: US 2004602594 20040818

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL
PL PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5532

International Patent Class (v8 + Attributes)

IPC + Level Value Position Status Version Action Source Office:

G06Q-0099/ 00...

Fulltext Availability:

Claims

Detailed Description

... bits and data known to the

authorization processor, or data that the authorization processor can
derive from other data known to it or provided in the dynamic
authentication code is not included in the final dynamic
authentication code that is generated. For example, if
a transaction counter is used and the authentication
processor maintains a copy of the transaction counter associated with...

...the complete transaction counter need not be included in the data used
to generate the dynamic mode. For instance, it may only be
necessary to include some of the least significant...

...if the copy of the transaction counter stored in the authorization
database gets out of synchronization with the counter on the mobile
device, the authorization processor will be able to rebuild...

...cryptogram using the partial data received regarding the counter from
the mobile device in the dynamic authorization code.

Claim

... a public key associated with said private key.

. The method of claim 1 wherein said dynamic authentication

code generated by said mobile processing device is based at least in part on a transaction counter stored on said mobile processing device.

...transaction counter is maintained in said authorization database, further comprising the step of verifying said transaction counter used to generate said dynamic authentication code matches said copy of said transaction counter.

8 The method of claim 6 wherein said transaction counter is incremented when said dynamic authentication code is generated.

9 A system for authorizing a transaction, comprising:
an authorization database containing at least one...

...mobile processing device includes a transaction counter, and wherein said mobile processing device uses said transaction counter at least in part to generate said dynamic authentication code.

14 The system of claim 13 wherein said authorization database further includes a copy of said transaction counter, and wherein said authorization processor is further for verifying said transaction counter used to generate said dynamic authentication code matches said copy of said transaction counter.

15 The system of claim 13 wherein said transaction counter is incremented when said dynamic authentication code is generated.

III. Text Search Results from Dialog - NPL

A. Abstract Databases

? show files;ds;cost;logoff hold

File 471:New York Times Fulltext 1980-2010/Jan 19

(c) 2010 The New York Times

File 139:EconLit 1969-2009/Dec

(c) 2009 American Economic Association

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13

(c) 2002 Gale/Cengage

File 474:New York Times Abs 1969-2010/Jan 11

(c) 2010 The New York Times

File 475:Wall Street Journal Abs 1973-2010/Jan 19

(c) 2010 The New York Times

File 35:Dissertation Abs Online 1861-2009/Nov

(c) 2009 ProQuest Info&Learning

File 65:Inside Conferences 1993-2010/Jan 19

(c) 2010 BLDSC all rts. reserv.

File 99:Wilson Appl. Sci & Tech Abs 1983-2009/Nov

(c) 2009 The HW Wilson Co.

File 256:TecTrends 1982-2010/Jan W2

(c) 2010 Info.Sources Inc. All rights res.

File 2:INSPEC 1898-2010/Jan W2

(c) 2010 The IET

Set Items Description

- | | | |
|----|---------|---|
| S1 | 2486403 | TRANSACTION OR ACTION OR OPERATION OR PROCEDURE OR ACTIVITY OR VERIFICATION OR AUTHENTICATION OR CONFIRMATION OR VALIDATION |
| S2 | 2486403 | TRANSACTION OR ACTION OR OPERATION OR PROCEDURE OR ACTIVITY OR VERIFICATION OR AUTHENTICATION OR CONFIRMATION OR VALIDATION |
| S3 | 529135 | NUMBER OR NUMBERS OR CODE OR CODES OR VALUE OR VALUES OR IDENTIFIER OR IDENTIFIERS OR INDICAT?R OR INDICAT?RS |
| S4 | 62893 | COUNT OR COUNTER OR METER OR TABULAT?R OR ACCUMULATOR OR REGISTER OR TALLY |
| S5 | 1148952 | GENERAT??? OR BUILD??? OR CONFIGUR? OR CONSTRUCT??? OR CREATE??? OR DEFIN??? OR DEVELOP? OR FORMULAT??? OR INSTANTIAT??? OR PRODUCE OR PRODUCING OR SYNTHESI?E? ? OR SYNTHESI?ING |
| S6 | 240688 | SEQUENTIAL?? OR ITERATIVE OR ADAPTIVE OR PROGRESSIVE OR (CONTINUOUS?? OR PERPETUAL?? OR PERSISTENT?? OR REPEATING OR RECURRENT?? OR REPETITIVE)()(RECALCULAT??? OR RECOMPUT??? OR REFIGUR???) OR INTERACTIV? OR DYNAMIC? OR INTERACTIONAL |
| S7 | 28676 | ENCRYPT OR ENCRYPTING OR ENCRYPTION OR ENCRYPTED OR ENCIPHER OR ENCIPHERING OR ENCIPHERED OR ENCODE OR ENCODED OR ENCODING OR CIPHER()TEXT OR SCRAMBLE OR SCRAMBLES OR SCRAMBLING |
| S8 | 8926 | DECRYPT OR DECRYPTS OR DECRYPTED OR DECRYPTING OR DECRYPTION OR DECODE OR DECODING OR DECODES OR DECODED OR DECIPHER OR |

DECIPHER OR DECIPHERS OR DECIPHERED OR DECIPHERING OR UNSCRAM-
 BLE OR UNSCRAMBLES OR UNSCRAMBLING OR CRYPTANALYSIS
 S9 240513 EXTRACT OR EXTRACTING OR EXTRACTION OR EXTRACTS OR EXTRACT-
 ED OR FILTER OR FILTERING OR FILTRATION OR FILTERS OR FILTERED
 OR DISTIL? OR CULL OR CULLS OR CULLED OR CULLING OR GLEAN OR
 GLEANS OR GLEANED OR GLEANING OR SIFT OR SIFTS OR SIFTING OR -
 SIFTED OR DERIV?
 S10 171139 DECREMENT??? OR DECREAS??? OR SUBTRACT??? OR REMOV???
 S11 402130 CONCATENAT??? OR AGGREGAT??? OR INTEGRAT??? OR LINK??? OR -
 MATCH??? OR ALIGN??? OR SYNCHRONIS? OR SYNCHRONIZ? OR SYNC OR
 SYNCs OR SYNCH OR SYNCHS OR COORDINAT??? OR CO()ORDINAT??? OR
 HARMONI?
 S12 3171 S2()S3
 S13 504 S2()S4
 S14 0 S5(5N)(S12(10N)S13)
 S15 0 S6(10N)S14
 S16 0 S7(10N)S8(10N)S9(10N)S10(10N)S11
 S17 0 S15(S)S16
 S18 0 S2(S)S3(S)S4(S)S5(S)S6(S)S7(S)S8(S)S9(S)S10(S)S11
 S19 2 S12(S)S13
 S20 2 S12 AND S13

20/3,K/1 (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 Gale/Cengage. All rts. reserv.
09293486

DBS launches e-payment system SINGAPORE: DBS INTRODUCES E-PAYMENT SYSTEM
Business Times (XBA) 24 May 2000 p.4
Language: ENGLISH

... features that enable the merchants to set their own parameters on the transactions, such as transaction value limits, daily transaction count limits and monthly transaction value limits. The bank will also set up a fraud count and merchants will be notified...

20/3,K/2 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2010 The IET. All rts. reserv.

02614767
Title: Multicontrol store processor
Author(s): Blum, A.
Author Affiliation: IBM Corp., Armonk, NY, USA
Journal: IBM Technical Disclosure Bulletin, vol.23, no.2, pp.649-50
Country of Publication: USA
Publication Date: July 1980
ISSN: 0018-8689
CODEN: IBMTAA
Language: English
Subfile(s): C (Computing & Control Engineering)
INSPEC Update Issue: 1981-001
Copyright: 1981, IEE

Abstract: ...address register of the processor, and its output data (control information) is read into an operation register, whence the coded or uncoded bits of the operation code of the microinstruction together with the time control signals are distributed to the data flow...

Identifiers: address register; operation register; multicontrol store processor

B. Full-text Databases

Full text NPL files - 1

? show files;ds;cost;logoff hold

File 20:Dialog Global Reporter 1997-2010/Jan 19

(c) 2010 Dialog

Set Items Description

S1	10949714	TRANSACTION OR ACTION OR OPERATION OR PROCEDURE OR ACTIVITY OR VERIFICATION OR AUTHENTICATION OR CONFIRMATION OR VALIDATION
S2	15809518	NUMBER OR NUMBERS OR CODE OR CODES OR VALUE OR VALUES OR IDENTIFIER OR IDENTIFIERS OR INDICAT?R OR INDICAT?RS
S3	2843088	COUNT OR COUNTER OR METER OR TABULAT?R OR ACCUMULATOR OR REGISTER OR TALLY
S4	23771410	GENERAT??? OR BUILD??? OR CONFIGUR? OR CONSTRUCT??? OR CREAT??? OR DEFIN??? OR DEVELOP? OR FORMULAT??? OR INSTANTIAT??? OR PRODUCE OR PRODUCING OR SYNTHESI?E? ? OR SYNTHESI?ING
S5	2108784	SEQUENTIAL?? OR ITERATIVE OR ADAPTIVE OR PROGRESSIVE OR (CONTINUOUS?? OR PERPETUAL?? OR PERSISTENT?? OR REPEATING OR RECURRENT?? OR REPETITIVE)()(RECALCULAT??? OR RECOMPUT??? OR REFIGUR???) OR INTERACTIV? OR DYNAMIC? OR INTERACTIONAL
S6	260490	ENCRYPT OR ENCRYPTING OR ENCRYPTION OR ENCRYPTED OR ENCIPHER OR ENCIPHERING OR ENCIPHERED OR ENCODE OR ENCODED OR ENCODING OR CIPHER()TEXT OR SCRAMBLE OR SCRAMBLES OR SCRAMBLING
S7	57362	DECRYPT OR DECRYPTS OR DECRYPTED OR DECRYPTING OR DECRYPTION OR DECODE OR DECODING OR DECODES OR DECODED OR DECIPHER OR DECIPHER OR DECIPHERS OR DECIPHERED OR DECIPHERING OR UNSCRAMBLE OR UNSCRAMBLES OR UNSCRAMBLING OR CRYPTANALYSIS
S8	2118183	EXTRACT OR EXTRACTING OR EXTRACTION OR EXTRACTS OR EXTRACTED OR FILTER OR FILTERING OR FILTRATION OR FILTERS OR FILTERED OR DISTIL? OR CULL OR CULLS OR CULLED OR CULLING OR GLEAN OR GLEANS OR GLEANED OR GLEANING OR SIFT OR SIFTS OR SIFTING OR - SIFTED OR DERIV?
S9	2994714	DECREMENT??? OR DECREAS??? OR SUBTRACT??? OR REMOV???
S10	10190120	CONCATENAT??? OR AGGREGAT??? OR INTEGRAT??? OR LINK??? OR - MATCH??? OR ALIGN??? OR SYNCHRONIS? OR SYNCHRONIZ? OR SYNC OR SYNCs OR SYNCH OR SYNCHS OR COORDINAT??? OR CO()ORDINAT??? OR HARMONI?
S11	49969	S1()S2
S12	1108	S1()S3
S13	1	S4(5N)(S11(10N)S12)
S14	0	S5(10N)S13
S15	1	S6(10N)S7(10N)S8(10N)S9(10N)S10
S16	0	S14(S)S15
S17	56	S11(S)S12
S18	4	S5(S)S17
S19	38	S17(S)(S6 OR S7 OR S8 OR S9 OR S10)

S20 38 S18 OR S19
S21 0 S20 NOT (PY> 2003 OR PD= 20030819:20031231)
S22 6 S17 NOT (PY> 2003 OR PD= 20030819:20031231)
S23 6 RD (unique items)

23/6/1
30653684 (USE FORMAT 7 OR 9 FOR FULLTEXT)
eSpeed Reports Second Quarter 2003 Fully Taxed Operating EPS of \$0.15 and
GAAP EPS of \$0.14
August 12, 2003
WORD COUNT: 2978

23/6/2
29090791 (USE FORMAT 7 OR 9 FOR FULLTEXT)
ADD to BW5884 NY-ESPEED
May 12, 2003
WORD COUNT: 931

23/6/3
28674791 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Q1 2003 Tractor Supply Company Earnings Conference Call - Final - Part 2
April 01, 2003
WORD COUNT: 4220

23/6/4
27488817 (USE FORMAT 7 OR 9 FOR FULLTEXT)
eSpeed's Fourth Quarter Net Operating EPS More Than Doubles To \$0.17;
Revenue For Fourth Quarter Increases 17%; Net Operating Margins Expand
Over 1,200 Basis Points To 28.1%
February 10, 2003
WORD COUNT: 3280

23/6/5
25979999 (USE FORMAT 7 OR 9 FOR FULLTEXT)
eSpeed Reports Record Third Quarter Net Operating EPS of \$0.16 Compared to
a Loss of \$0.08 in the Prior Year; Exceeds Consensus by \$0.02
November 11, 2002
WORD COUNT: 2916

23/6/6
21232868 (USE FORMAT 7 OR 9 FOR FULLTEXT)
eSpeed Achieves Profitability Despite Tragic Events of September 11th;
First Profitable Quarter in Company History
February 12, 2002
WORD COUNT: 2630

Full text NPL files - 2

? show files;ds;cost;logoff hold
 File 634:San Jose Mercury Jun 1985-2010/Jan 17
 (c) 2010 San Jose Mercury News
 File 610:Business Wire 1999-2010/Jan 19
 (c) 2010 Business Wire.
 File 613:PR Newswire 1999-2010/Jan 19
 (c) 2010 PR Newswire Association Inc
 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
 File 626:Bond Buyer Full Text 1981-2008/Jul 07
 (c) 2008 Bond Buyer

Set	Items	Description
S1	1960809	TRANSACTION OR ACTION OR OPERATION OR PROCEDURE OR ACTIVITY OR VERIFICATION OR AUTHENTICATION OR CONFIRMATION OR VALIDATION
S2	1960809	TRANSACTION OR ACTION OR OPERATION OR PROCEDURE OR ACTIVITY OR VERIFICATION OR AUTHENTICATION OR CONFIRMATION OR VALIDATION
S3	979756	NUMBER OR NUMBERS OR CODE OR CODES OR VALUE OR VALUES OR IDENTIFIER OR IDENTIFIERS OR INDICAT?R OR INDICAT?RS
S4	190050	COUNT OR COUNTER OR METER OR TABULAT?R OR ACCUMULATOR OR REGISTER OR TALLY
S5	1462589	GENERAT??? OR BUILD??? OR CONFIGUR? OR CONSTRUCT??? OR CRE-AT??? OR DEFIN??? OR DEVELOP? OR FORMULAT??? OR INSTANTIAT??? OR PRODUCE OR PRODUCING OR SYNTHESI?E? ? OR SYNTHESI?ING
S6	251812	SEQUENTIAL?? OR ITERATIVE OR ADAPTIVE OR PROGRESSIVE OR (C-CONTINUOUS?? OR PERPETUAL?? OR PERSISTENT?? OR REPEATING OR RE-CURRENT?? OR REPETITIVE)()(RECALCULAT??? OR RECOMPUT??? OR RE-FIGUR???) OR INTERACTIV? OR DYNAMIC? OR INTERACTIONAL
S7	36156	ENCRYPT OR ENCRYPTING OR ENCRYPTION OR ENCRYPTED OR ENCIPHER OR ENCIPHERING OR ENCIPHERED OR ENCODE OR ENCODED OR ENCOD-ING OR CIPHER()TEXT OR SCRAMBLE OR SCRAMBLES OR SCRAMBLING
S8	6407	DECRYPT OR DECRYPTS OR DECRYPTED OR DECRYPTING OR DECRYPTI-ON OR DECODE OR DECODING OR DECODES OR DECODED OR DECIPHER OR DECIPHER OR DECIPHERS OR DECIPHERED OR DECIPHERING OR UNSCRAM-BLE OR UNSCRAMBLES OR UNSCRAMBLING OR CRYPTANALYSIS
S9	154696	EXTRACT OR EXTRACTING OR EXTRACTION OR EXTRACTS OR EXTRACT-ED OR FILTER OR FILTERING OR FILTRATION OR FILTERS OR FILTERED OR DISTIL? OR CULL OR CULLS OR CULLED OR CULLING OR GLEAN OR GLEANS OR GLEANED OR GLEANING OR SIFT OR SIFTS OR SIFTING OR -SIFTED OR DERIV?
S10	257190	DECREMENT??? OR DECREAS??? OR SUBTRACT??? OR REMOV???
S11	744504	CONCATENAT??? OR AGGREGAT??? OR INTEGRAT??? OR LINK??? OR -MATCH??? OR ALIGN??? OR SYNCHRONIS? OR SYNCHRONIZ? OR SYNC OR SYNCs OR SYNCH OR SYNCHS OR COORDINAT??? OR CO()ORDINAT??? OR

HARMONI?

S12 22776 S2()S3
 S13 243 S2()S4
 S14 0 S5(5N)(S12(10N)S13)
 S15 0 S6(10N)S14
 S16 0 S7(10N)S8(10N)S9(10N)S10(10N)S11
 S17 0 S15(S)S16
 S18 25 S12(S)S13
 S19 29 S12(2S)S13
 S20 16 S19(S)(S5 OR S6 OR S7 OR S8 OR S9 OR S10)
 S21 25 S18 OR S20
 S22 5 S21 NOT (PY> 2003 OR PD= 20030819:20031231)
 S23 5 RD (unique items)

23/6/1 (Item 1 from file: 610)
 00808572 20021111315B6964 (USE FORMAT 7 FOR FULLTEXT)
 eSpeed Reports Record Third Quarter Net Operating EPS of \$0.16 Compared to
 a Loss of \$0.08 in the Prior Year; Exceeds Consensus by \$0.02
 Monday, November 11, 2002 17:21 EST
 WORD COUNT: 2,811

23/6/2 (Item 2 from file: 610)
 00713210 20020513133B9958 (USE FORMAT 7 FOR FULLTEXT)
 eSpeed Reports Record First Quarter 2002 Results, Growing Fully Electronic
 Transaction Revenue By 22 Percent; Net Operating EPS of \$0.11, Increasing
 38 Percent Versus Last Quarter
 Monday, May 13, 2002 17:25 EDT
 WORD COUNT: 2,885

23/6/3 (Item 3 from file: 610)
 00663944 20020212043B1992 (USE FORMAT 7 FOR FULLTEXT)
 eSpeed Achieves Profitability Despite Tragic Events of September 11th;
 First Profitable Quarter in Company History-Company Reports \$28.1 Million
 in Revenue and Net Operating Income of \$0.08 Per Share; Chairman Announces
 Strong Outlook for 2002
 Tuesday, February 12, 2002 19:23 EST
 WORD COUNT: 2,514

23/6/4 (Item 4 from file: 610)
 00632516 20011207341B5583 (USE FORMAT 7 FOR FULLTEXT)
 eSpeed Reports Volume and Transaction Count for Third Quarter 2001
 Friday, December 7, 2001 11:55 EST
 WORD COUNT: 794

23/6/5 (Item 5 from file: 610)
00565876 20010801213B6629 (USE FORMAT 7 FOR FULLTEXT)
eSpeed Reports Record Second Quarter 2001 Results; Pipeline for Growth
Reaches \$196 million-Total Revenue Increased 52% Over Prior Year Fully
Electronic Revenue Grew 57% Over Prior Year Software Solutions Up 53%
Sequentially and 68% Year Over Year
Wednesday, August 1, 2001 18:07 EDT
WORD COUNT: 2,411

Full text NPL files - 3

? show files;ds;cost;logoff hold

File 268:Banking Info Source 1981-2010/Jan W2

(c) 2010 ProQuest Info&Learning

File 9:Business & Industry(R) Jul/1994-2010/Jan 16

(c) 2010 Gale/Cengage

File 15:ABI/Inform(R) 1971-2010/Jan 18

(c) 2010 ProQuest Info&Learning

File 16:Gale Group PROMT(R) 1990-2010/Jan 16

(c) 2010 Gale/Cengage

File 148:Gale Group Trade & Industry DB 1976-2010/Jan 16

(c) 2010 Gale/Cengage

File 160:Gale Group PROMT(R) 1972-1989

(c) 1999 The Gale Group

Set	Items	Description
S1	7594873	TRANSACTION OR ACTION OR OPERATION OR PROCEDURE OR ACTIVITY OR VERIFICATION OR AUTHENTICATION OR CONFIRMATION OR VALIDATION
S2	12750041	NUMBER OR NUMBERS OR CODE OR CODES OR VALUE OR VALUES OR IDENTIFIER OR IDENTIFIERS OR INDICAT?R OR INDICAT?RS
S3	2097431	COUNT OR COUNTER OR METER OR TABULAT?R OR ACCUMULATOR OR REGISTER OR TALLY
S4	22551178	GENERAT??? OR BUILD??? OR CONFIGUR? OR CONSTRUCT??? OR CREATE??? OR DEFIN??? OR DEVELOP? OR FORMULAT??? OR INSTANTIAT??? OR PRODUCE OR PRODUCING OR SYNTHESI?E? ? OR SYNTHESI?ING
S5	3181602	SEQUENTIAL?? OR ITERATIVE OR ADAPTIVE OR PROGRESSIVE OR (CONTINUOUS?? OR PERPETUAL?? OR PERSISTENT?? OR REPEATING OR RECURRENT?? OR REPETITIVE)()(RECALCULAT??? OR RECOMPUT??? OR REFIGUR???) OR INTERACTIV? OR DYNAMIC? OR INTERACTIONAL
S6	419026	ENCRYPT OR ENCRYPTING OR ENCRYPTION OR ENCRYPTED OR ENCIPHER OR ENCIPHERING OR ENCIPHERED OR ENCODE OR ENCODED OR ENCODING OR CIPHER()TEXT OR SCRAMBLE OR SCRAMBLES OR SCRAMBLING
S7	99699	DECRYPT OR DECRYPTS OR DECRYPTED OR DECRYPTING OR DECRYPTION OR DECODE OR DECODING OR DECODES OR DECODED OR DECIPHER OR DECIPHER OR DECIPHERS OR DECIPHERED OR DECIPHERING OR UNSCRAMBLE OR UNSCRAMBLES OR UNSCRAMBLING OR CRYPTANALYSIS
S8	2378380	EXTRACT OR EXTRACTING OR EXTRACTION OR EXTRACTS OR EXTRACTED OR FILTER OR FILTERING OR FILTRATION OR FILTERS OR FILTERED OR DISTIL? OR CULL OR CULLS OR CULLED OR CULLING OR GLEAN OR GLEANS OR GLEANED OR GLEANING OR SIFT OR SIFTS OR SIFTING OR SIFTED OR DERIV?
S9	2621837	DECREMENT??? OR DECREAS??? OR SUBTRACT??? OR REMOV???
S10	8572255	CONCATENAT??? OR AGGREGAT??? OR INTEGRAT??? OR LINK??? OR MATCH??? OR ALIGN??? OR SYNCHRONIS? OR SYNCHRONIZ? OR SYNC OR SYNCs OR SYNCH OR SYNCHS OR COORDINAT??? OR CO()ORDINAT??? OR HARMONI?
S11	51327	S1()S2

S12 1361 S1()S3
 S13 1 S4(5N)(S11(10N)S12)
 S14 0 S5(10N)S13
 S15 4 S6(10N)S7(10N)S8(10N)S9(10N)S10
 S16 0 S14(S)S15
 S17 16 S11(S)S12
 S18 47 S11(2S)S12
 S19 14 S18(S)(S5 OR S6 OR S7 OR S8 OR S9 OR S10)
 S20 34 S15 OR S17 OR S19
 S21 6 S20 NOT (PY> 2003 OR PD= 20030819:20031231)
 S22 5 RD (unique items)

22/6/1 (Item 1 from file: 15)
 01574204 02-25193 ** USE FORMAT 7 OR 9 FOR FULL TEXT**
 The box we call the DTV exciter
 Jan 1998 LENGTH: 2 Pages
 WORD COUNT: 886

22/6/2 (Item 1 from file: 16)
 09223460 Supplier Number: 80223349 (USE FORMAT 7 FOR FULLTEXT)
 For a few dollars more: alternate ways to grow revenue. (Finances).(Brief
 Article)(Statistical Data Included)
 Nov, 2001
 Word Count: 514

22/6/3 (Item 2 from file: 16)
 07399369 Supplier Number: 62277409
 SINGAPORE: DBS INTRODUCES E-PAYMENT SYSTEM.
 May 24, 2000

22/6/4 (Item 3 from file: 16)
 05678806 Supplier Number: 50163076 (USE FORMAT 7 FOR FULLTEXT)
 Data Out Of Chaos
 May, 1998
 Word Count: 474

22/6/5 (Item 4 from file: 16)
 04462623 Supplier Number: 46550523 (USE FORMAT 7 FOR FULLTEXT)
 Value of North American IT M&A transactions in first half more than doubles
 over first half last year; The Internet, industry concentration and
 market entry drive M&A transactions.
 July 17, 1996
 Word Count: 1560

22/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2010 ProQuest Info&Learning. All rts. reserv.

01574204 02-25193

The box we call the DTV exciter

Markley, Don

Broadcast Engineering v40n1 PP: 58-60 Jan 1998

ISSN: 0007-1994 JRNL CODE: BRG

WORD COUNT: 886

...Once randomized, the data is then encoded using a method known as Reed-Solomon encoding. This stage includes the addition of error-correction signals to be used in the decoding process. The sync data is removed prior to encoding and new segment and field sync signals are added downstream from the encoder. The data is then multiplexed and the pilot signal is added. The resulting signal is then filtered and converted to an analog signal with high-speed digital-to-analog converters. Now, the...

22/3,K/3 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2010 Gale/Cengage. All rts. reserv.

07399369 Supplier Number: 62277409

SINGAPORE: DBS INTRODUCES E-PAYMENT SYSTEM.

Business Times (Singapore), p4

May 24, 2000

Language: English Record Type: Abstract

Document Type: Newspaper; Trade

ABSTRACT:

...features that enable the merchants to set their own parameters on the transactions, such as transaction value limits, daily transaction count limits and monthly transaction value limits. The bank will also set up a fraud count and merchants will be notified...

TEXT:

22/3,K/4 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2010 Gale/Cengage. All rts. reserv.

05678806 Supplier Number: 50163076 (USE FORMAT 7 FOR FULLTEXT)

Data Out Of Chaos

Lasers & Optronics, p6

May, 1998

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Tabloid; Refereed; Academic Trade

Word Count: 474

... to the first. Upon receiving the combined signal, the receiving EDFA began generating chaotic fluctuations synchronized with those produced by the transmitting system. The chaotic portion of the signal, measured by a digital oscilloscope, was then subtracted from the combined signal and low-pass filtered, recovering the original message to be read by the recipient.

Roy believes that the sending and receiving EDFA systems must be similar, though not necessarily identical, for the chaotic encoding/decoding scheme to work. The timing of the signal and other factors such as the lasers...

...in both systems. Thus, a person intercepting the message with a similar laser could not decode it without knowing these parameters.

Other researchers have used chaos to mask information in electronic...

Full text NPL files - 4

? show files;ds;cost;logoff hold

File 275:Gale Group Computer DB(TM) 1983-2010/Dec 11

(c) 2010 Gale/Cengage

File 621:Gale Group New Prod.Annou.(R) 1985-2010/Dec 03

(c) 2010 Gale/Cengage

File 636:Gale Group Newsletter DB(TM) 1987-2010/Dec 17

(c) 2010 Gale/Cengage

File 267:Finance & Banking Newsletters 2008/Sep 29

(c) 2008 Dialog

File 624:McGraw-Hill Publications 1985-2010/Jan 19

(c) 2010 McGraw-Hill Co. Inc

File 625:American Banker Publications 1981-2008/Jun 26

(c) 2008 American Banker

Set	Items	Description
S1	2817108	TRANSACTION OR ACTION OR OPERATION OR PROCEDURE OR ACTIVITY OR VERIFICATION OR AUTHENTICATION OR CONFIRMATION OR VALIDATION
S2	2817108	TRANSACTION OR ACTION OR OPERATION OR PROCEDURE OR ACTIVITY OR VERIFICATION OR AUTHENTICATION OR CONFIRMATION OR VALIDATION
S3	1307138	NUMBER OR NUMBERS OR CODE OR CODES OR VALUE OR VALUES OR IDENTIFIER OR IDENTIFIERS OR INDICAT?R OR INDICAT?RS
S4	234322	COUNT OR COUNTER OR METER OR TABULAT?R OR ACCUMULATOR OR REGISTER OR TALLY
S5	1973008	GENERAT??? OR BUILD??? OR CONFIGUR? OR CONSTRUCT??? OR CRE-AT??? OR DEFIN??? OR DEVELOP? OR FORMULAT??? OR INSTANTIAT??? OR PRODUCE OR PRODUCING OR SYNTHESI?E? ? OR SYNTHESI?ING
S6	311932	SEQUENTIAL?? OR ITERATIVE OR ADAPTIVE OR PROGRESSIVE OR (C-CONTINUOUS?? OR PERPETUAL?? OR PERSISTENT?? OR REPEATING OR RE-CURRENT?? OR REPETITIVE)()(RECALCULAT??? OR RECOMPUT??? OR RE-FIGUR???) OR INTERACTIV? OR DYNAMIC? OR INTERACTIONAL
S7	69647	ENCRYPT OR ENCRYPTING OR ENCRYPTION OR ENCRYPTED OR ENCIPHER OR ENCIPHERING OR ENCIPHERED OR ENCODE OR ENCODED OR ENCOD-ING OR CIPHER()TEXT OR SCRAMBLE OR SCRAMBLES OR SCRAMBLING
S8	14416	DECRYPT OR DECRYPTS OR DECRYPTED OR DECRYPTING OR DECRYPTI-ON OR DECODE OR DECODING OR DECODES OR DECODED OR DECIPHER OR DECIPHER OR DECIPHERS OR DECIPHERED OR DECIPHERING OR UNSCRAM-BLE OR UNSCRAMBLES OR UNSCRAMBLING OR CRYPTANALYSIS
S9	249068	EXTRACT OR EXTRACTING OR EXTRACTION OR EXTRACTS OR EXTRACT-ED OR FILTER OR FILTERING OR FILTRATION OR FILTERS OR FILTERED OR DISTIL? OR CULL OR CULLS OR CULLED OR CULLING OR GLEAN OR GLEANS OR GLEANED OR GLEANING OR SIFT OR SIFTS OR SIFTING OR -SIFTED OR DERIV?
S10	316561	DECREMENT??? OR DECREAS??? OR SUBTRACT??? OR REMOV???
S11	990912	CONCATENAT??? OR AGGREGAT??? OR INTEGRAT??? OR LINK??? OR -MATCH??? OR ALIGN??? OR SYNCHRONIS? OR SYNCHRONIZ? OR SYNC OR SYNCs OR SYNCH OR SYNCHS OR COORDINAT??? OR CO()ORDINAT??? OR

HARMONI?

S12	22914	S2()S3
S13	327	S2()S4
S14	0	S5(5N)(S12(10N)S13)
S15	0	S6(10N)S14
S16	0	S7(10N)S8(10N)S9(10N)S10(10N)S11
S17	0	S15(S)S16
S18	48623	S2(2N)S3
S19	3296	S2(2N)S4
S20	60	S18(S)S19
S21	3	S20(S)(S6 OR S7 OR S8 OR S9 OR S10)
S22	5	S12(S)S13
S23	89	S18(2S)S19
S24	13	S23(S)(S6 OR S7 OR S8 OR S9 OR S10)
S25	18	S21 OR S22 OR S24
S26	8	S25 NOT (PY> 2003 OR PD= 20030819:20031231)
S27	8	RD (unique items)

27/6/1 (Item 1 from file: 275)
 02692709 SUPPLIER NUMBER: 98922304 (USE FORMAT 7 OR 9 FOR FULL TEXT)
 Cores extend a standard instruction-set architecture. (leading edge).(MIPS
 Computer Systems' Pro Series 4Ke, M4K, 4KSd)
 March 6, 2003
 WORD COUNT: 410 LINE COUNT: 00037

27/6/2 (Item 2 from file: 275)
 01978743 SUPPLIER NUMBER: 18643196 (USE FORMAT 7 OR 9 FOR FULL TEXT)
 Seek and fine-tune: Getting the most from client-server transactions.
 (Technology Tutorial)(Tutorial)
 Sep, 1996
 WORD COUNT: 4405 LINE COUNT: 00368

27/6/3 (Item 3 from file: 275)
 01668602 SUPPLIER NUMBER: 15026791 (USE FORMAT 7 OR 9 FOR FULL TEXT)
 Networks Expo - Frye intros SUDS WAND, upgrades.
 Feb 22, 1994
 WORD COUNT: 1280 LINE COUNT: 00102

27/6/4 (Item 4 from file: 275)
 01548235 SUPPLIER NUMBER: 12926092 (USE FORMAT 7 OR 9 FOR FULL TEXT)
 Speed system operation by matching CPU to need: understanding the many
 forms of context switching is key to maximizing RISC performance in
 embedded-system applications. (Design Applications)
 Nov 2, 1992

WORD COUNT: 5213 LINE COUNT: 00412

27/6/5 (Item 5 from file: 275)
01372438 SUPPLIER NUMBER: 09452463 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Lessons from the design of the Eiffel Libraries: tools for the new culture.
(component-based software development in the Eiffel environment using the
Basic Eiffel Libraries) (includes related articles on classifying data
structures and major Eiffel techniques)
Sept, 1990
WORD COUNT: 13611 LINE COUNT: 01107

27/6/6 (Item 6 from file: 275)
01209460 SUPPLIER NUMBER: 04700900 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Modular developments. (Modula 2) (Software Review) (evaluation)
March, 1987
WORD COUNT: 10560 LINE COUNT: 00848

27/6/7 (Item 7 from file: 275)
01205828 SUPPLIER NUMBER: 04655439 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Pixel alignment of EGA fonts. (programming practices)
Jan, 1987
WORD COUNT: 2795 LINE COUNT: 00203

27/6/8 (Item 1 from file: 621)
01405274 Supplier Number: 46550523 (USE FORMAT 007 FOR FULLTEXT)
Value of North American IT M&A transactions in first half more than doubles
over first half last year; The Internet, industry concentration and
market entry drive M&A transactions.
July 17, 1996
Word Count: 1560

27/3,K/1 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2010 Gale/Cengage. All rts. reserv.

02692709 SUPPLIER NUMBER: 98922304 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Cores extend a standard instruction-set architecture. (leading edge).(MIPS

Computer Systems' Pro Series 4Ke, M4K, 4KSd)

Cravotta, Robert

EDN, 48, 5, 26(1)

March 6, 2003

ISSN: 0012-7515 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 410 LINE COUNT: 00037

... The MIPS32 architecture reserves 16 operation codes under the Special2 main operation code for the use of user-defined instructions. The instruction format has ...jumps, branches, loads, or stores within a user-defined instruction. When the main core pipeline decodes to a user-defined instruction, the core makes available two sources from the register file...

IV. Additional Resources Searched

Searches were done in two template files not available through DIALOG, the Internet and Personal Computing Abstracts and the Financial Times, but there were no results.